

DATE: 2/25/2010

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00096803
SOLICITATION #B2010000052

JEFFERSON PARISH
PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

VENDOR:

BUYER: S. Vasquez

BIDS WILL BE RECEIVED IN THE PURCHASING DEPARTMENT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 3/30/2010 AND PUBLICLY OPENED UPON COMPLETION OF ADMINISTRATIVE TASKS.

LATE BIDS WILL NOT BE ACCEPTED

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES DISQUALIFY BID.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS
THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. THIS BID PACKAGE MUST BE RETURNED IN ITS ENTIRETY.

Questions on this bid are to be faxed to (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH will accept one bid only from each vendor. Items bid must meet or exceed specifications.

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection.

If the bid exceeds \$20,000.00 and the bidder is an agency, corporation, partnership, or other legal entity, the president, vice-president, secretary/treasurer, or an authorized agent, shall sign the proposal, and satisfactory evidence of the authority of the person signing for the agency, corporation, partnership, or other legal entity shall be attached to the proposal.

AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE.

Preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA-R.S.38:2251-2261"

USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

Visit our website at WWW.JEFFPARISH.NET/BIDS

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

JEFFERSON PARISH requires a firm price. Quoted price will remain firm until _____

PRICES: Jefferson Parish is exempt from paying sales tax under LSA-RS 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. If a contractor is to act as Purchasing Agent for tax-exempt purposes, the Parish shall specifically state so within this bid specification. All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A117.1-1961).

RESPONSE TO INVITATION: If your company is unable to bid on this request, please state your reason on bid form, and return to this office before bid opening date. Failure to do so may result in the removal of your company from Jefferson Parish's vendors list.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 105529 or 105530 dated 5/17/06. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053.

POSTING OF BIDS: Non-Advertised bids will be posted on bulletin board in Suite 4400, Jefferson Parish General Government Building, Gretna, LA, for a period of Five (5) working days after opening date.

Advertised bids will be tabulated and a copy forwarded to each responsive bidder.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

1. All bidders are invited to attend the pre-bid conference. Failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. This conference is held to allow questions to be answered and inspect the site with owner's representative, etc. Failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification (with no additional cost to the owner).
2. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project.
3. A Louisiana state contractor's license may be required in accordance with LSA-R.S. 37:2150 et seq.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

4. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
5. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
6. All awards in excess of \$5,000.00 for the construction, alteration, or repair of any public works will be reduced to a formal contract which shall be recorded at the contractor's expense. A price list of recordation costs may be obtained from the Clerk of Court and Ex-officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 reduced to formal contract will require a performance bond.
7. A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. Performance bond shall be supplied at the signing of the contract.
8. Please indicate if you have insurance: YES _____ NO _____
Successful bidder will be required to furnish proof of insurance to this office.
Successful bidder will be required to furnish Federal I.D. Number.
9. Minimum insurance requirements for this bid are as indicated on the attached sheet.
10. Each bid must be accompanied by a cashier's check, certified check, money order, or surety bid bond in the amount of 5% of the bid.
11. Affidavit required to be submitted with bids on all solicitations for construction, alteration or demolition of public building or project. (LSA-R.S. 38:2224)
12. This is a requirements contract to be provided on an as needed basis.
13. All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO _____

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF _____.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

14. In the event that the successful bidder cannot furnish a specific item or material and labor in the required time, JEFFERSON PARISH may purchase on an emergency basis from the next lowest bidder, or available source, until such time as the successful bidder has notified the PARISH in writing that his stock or labor capability has been replenished. The difference in price will be charged against the successful bidder of this contract, and evidence of purchases and price will be provided.
15. Vendor will be required to submit to the chief buyer of the JEFFERSON PARISH Purchasing Department a quarterly usage report by item of all items listed on this proposal.
16. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be disqualified if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES _____

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK _____

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

***** ALL BIDDERS MUST COMPLETE SECTION BELOW *****

FIRM NAME: _____

SIGNATURE: _____

(Must be signed here)

TITLE: _____

PRINT OR TYPE NAME: _____

ADDRESS: _____

CITY, STATE: _____

ZIP: _____

TELEPHONE: _____

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FAX: _____

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EMAIL ADDRESS: _____

TOTAL PRICE OF ALL BID ITEMS: \$ _____

THIS BID MUST BE SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE COMPANY/FIRM FOR BID TO BE VALID. BID PACKAGE, INCLUDING INSTRUCTIONS AND SPECIFICATIONS, MUST BE RETURNED IN ITS ENTIRETY FOR BID TO BE VALID. SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the bid number and bid opening date indicated on the outside of the envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			<p>ONE (1) YEAR CONTRACT FOR BRIDGE REPAIR AND MAINTENANCE FOR THE JEFFERSON PARISH</p> <p>DEPARTMENT OF PUBLIC WORKS, STREETS, TO BE PROVIDED ON AN AS NEEDED BASIS, EXCLUDING GRAND ISLE</p> <p>*****</p> <p>A PRE-BID CONFERENCE WILL BE HELD AT 9:30 A.M. ON TUESDAY, MARCH 16, 2010, in the PURCHASING DEPARTMENT, SUITE 4400 JEFFERSON PARISH GENERAL GOVERNMENT BLDG 200 DERBIGNY STREET, GRETN, 70053 *****</p> <p>A LOUISIANA STATE CONTRACTOR'S LICENSE IS REQUIRED IN THE CATEGORY OF HIGHWAY, STREET AND BRIDGE CONSTRUCTION</p>		
1	70	SQYD	0010 4 INCH THICKNESS OR LESS PAVEMENT REMOVAL & DISPOSAL CONCRETE/ASPHALT/COMBINATION		
2	4	SQYD	0020 4-1/4 INCH - 7 INCH THICKNESS PAVEMENT REMOVAL & DISPOSAL CONCRETE/ASPHALT/COMBINATION		
3	47	SQYD	0030 7-1/4 INCH - 10 INCH THICKNESS PAVEMENT REMOVAL & DISPOSAL CONCRETE/ASPHALT/COMBINATION		
4	173	SQYD	0040 10-1/4 INCH - 15 INCH THICKNESS PAVEMENT REMOVAL & DISPOSAL CONCRETE/ASPHALT/COMBINATION		
5	84	SQYD	0050 15-1/4 INCH - 20 INCH THICKNESS PAVEMENT REMOVAL & DISPOSAL CONCRETE/ASPHALT/COMBINATION		
6	29	SQYD	0060 20-1/4 INCH - 24 INCH THICKNESS PAVEMENT REMOVAL & DISPOSAL CONCRETE/ASPHALT/COMBINATION		
7	84	SQYD	0070 24-1/4 INCH - 36 INCH THICKNESS PAVEMENT REMOVAL & DISPOSAL CONCRETE/ASPHALT/COMBINATION		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
8	84	SQYD	0080 36-1/4 INCH - 48 INCH THICKNESS PAVEMENT REMOVAL & DISPOSAL CONCRETE/ASPHALT/COMBINATION		
9	42	SQYD	0090 48-1/4 INCH - 60 INCH THICKNESS PAVEMENT REMOVAL & DISPOSAL CONCRETE/ASPHALT/COMBINATION		
10	42	SQYD	0100 60-1/4 INCH - 72 INCH THICKNESS PAVEMENT REMOVAL & DISPOSAL CONCRETE/ASPHALT/COMBINATION		
11	42	SQYD	0110 72-1/4 INCH THICKNESS OR GREATER PAVEMENT REMOVAL & DISPOSAL CONCRETE/ASPHALT/COMBINATION		
12	62	LF	0120 REMOVAL AND DISPOSAL OF EXISTING CONCRETE CURB (VARIABLE CROSS-SECTION)		
13	70	LF	0130 REMOVAL AND DISPOSAL OF EXISTING CONCRETE COMBINATION CURB AND GUTTER (VARIABLE CROSS-SECTION)		
14	28	LF	0140 REMOVAL AND DISPOSAL OF EXISTING 32 INCH HIGH CAST-IN-PLACE CONCRETE BARRIER		
15	70	SQYD	0150 PCC 4 INCH THICK, RESIDENTIAL SIDEWALK/INCIDENTAL PAVEMENT, 4000 PSI, IN PLACE		
16	84	SQYD	0160 PCC 5 INCH THICK, COMMERCIAL SIDEWALK/INCIDENTAL PAVEMENT, 4000 PSI, IN PLACE		
17	4	SQYD	0170 PCC 6 INCH THICK, RESIDENTIAL DRIVEWAYS AND CURB RAMPS, 4000 PSI, HIGH EARLY STRENGTH, 72 HOURS, IN PLACE		
18	111	SQYD	0180 PCC 8 INCH THICK, COMMERCIAL DRIVEWAYS, 4000 PSI, HIGH		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			EARLY STRENGTH, 72 HOURS, IN PLACE		
19	222	SQYD	0190 PCC 9 INCH THICK, ROADWAY PAVEMENT, 4000 PSI, HIGH EARLY STRENGTH, 72 HOURS, IN PLACE		
20	450	SQYD	0200 PCC 10 INCH THICK, APPROACH SLAB, 4000 PSI, HIGH EARLY STRENGTH, 72 HOURS, IN PLACE		
21	245	LF	0210 PCC CURB, 5 INCH ROLLOVER TYPE/6 INCH OR 8 INCH BARRIER TYPE, IN PLACE, HIGH EARLY STRENGTH, 4000 PSI, 72 HOURS TO INCLUDE #4 (U) SHAPED DOWELS SPACED 2 FT. - 0 INCH O.C. ANCHORED INTO NEW/EXISTING SLABS		
22	297	LF	0220 COMBINATION PCC CURB AND GUTTER - ROLLOVER OR BARRIER, 300 SQ.IN. CROSS SECTION MAXIMUM		
23	250	CUYD	0230 EARTHWORK EXCAVATION BY TRUCK MEASURE		
24	164	CUYD	0240 EARTHWORK EXCAVATION BY THEORETICAL VOLUME		
25	56	CUYD	0250 RIVER (BATTURE) SAND - IN PLACE		
26	630	CUYD	0260 PUMP (SUGAR) SAND - IN PLACE		
27	70	TN	0270 CRUSHED CONCRETE - IN PLACE		
28	128	TN	0280 LIMESTONE - IN PLACE		
29	1866	LF	0290 ASPHALT OR PCC SAW CUT, PER INCH DEPTH		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
30	1	SQYD	0300 INSTALLATION OF (TERRA COTTA) COLORED MASONRY UNIT PAVERS WITH DETECTABLE WARNINGS		
31	6	SQYD	0310 STAMPING/IMPRINTING CONCRETE RAMP SURFACES WITH DETECTABLE WARNINGS AND APPLYING (TERRA COTTA) COLORED DYE OR HARDNER		
32	2	GL	0320 LIQUID POURED ASPHALT TYPE SEALANT, APPLIED PER GALLON		
33	18	SQYD	0330 FURNISH & INSTALL 6X6-W2.9XW2.9 WIRE MESH REINFORCEMENT		
34	92	TN	0340 BITUMINOUS HOT-MIX ASPHALT WEARING COURSE (TYPE III)		
35	92	TN	0350 BITUMINOUS HOT-MIX ASPHALT BINDER COURSE (TYPE III)		
36	178	SQYD	0360 COLD PLANING EXISTING ASPHALT PAVEMENT (PER INCH DEPTH)		
37	1000	BDFT	0370 TIMBER SHEETING IN PLACE (UP TO 16 FT. DEEP TRENCH CUT)		
38	200	LF	0380 TIE ROD REPLACEMENT		
39	1	EA	0390 PROVIDE TEMPORARY SUPPORT FOR THE CHANGE OUT OF DETERIORATED END BENT TIMBER CAPS AND FOR PILE REPAIR. UNIT PRICE IS FOR BRIDGE WIDTH OF 28 FT. PER EACH. UNIT PRICE WILL BE ADJUSTED AND PRORATED ACCORDINGLY FOR WIDTHS OTHER THAN 28 FT.		
40	1	EA	0400 PROVIDE TEMPORARY SUPPORT FOR THE CHANGE OUT OF DETERIORATED		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			INTERMEDIATE TIMBER CAPS AND FOR PILE REPAIR. UNIT PRICE IS FOR BRIDGE WIDTH OF 28 FT., PER EACH. UNIT PRICE WILL BE ADJUSTED FOR WIDTHS OTHER THAN 28 FT.		
41	56	SQYD	0410 REMOVAL AND DISPOSAL OF EXISTING CAST-IN-PLACE PCC BRIDGE DECK		
42	15	SQYD	0420 REMOVAL AND DISPOSAL OF EXISTING PRECAST BRIDGE PANELS (WASKEY SLAB, CHANNEL BEAM OR SIMILAR)		
43	3	EA	0430 REMOVAL AND REINSTALLING EXISTING PRECAST BRIDGE PANELS 4 FT. - 19 FT. WASKEY SLABS OR SIMILAR		
44	250	SQFT	0440 REMOVAL AND DISPOSAL OF EXISTING PEDESTRIAN BRIDGE		
45	2000	SQFT	0450 REMOVAL AND DISPOSAL OF EXISTING VEHICULAR BRIDGE		
46	1	EA	0460 INSTALL 24 INCH X 24 INCH DROP-INLET, IN PLACE. UNIT PRICE IS PER EACH		
47	4	EA	0470 FURNISH LABOR, MATERIAL, EQUIPMENT AND ANY INCIDENTALS TO DEWATER CANAL SECTIONS WITH TEMPORARY DAMS. THIS ITEM INCLUDES TWO EARTHEN DAMS (2 FT. HIGHER THAN NORMAL WATER SURFACE), ONE 6 INCH DIAMETER PUMP, AND TWO 2 INCH DIAMETER PUMPS. UNIT PRICE IS PER EACH DEWATERED AREA CONSTRUCTED.		
48	8	EA	0480 REMOVAL AND DISPOSAL OF EXISTING VERTICAL DOWEL BARS AND/OR DRIFT PINS FROM BENT CAPS		
49	25	EA	0490 REMOVAL AND REPLACEMENT OF BRICK		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
50	500	LF	0500 CLEAN BY FORCED AIR AND RESEAL WASKEY SLAB JOINTS WITH ELASTATHANE 2000 (STANDARD JOINT SEAL FOR WASKEY BRIDGE) UNIT PRICE IS PER LINEAR FOOT.		
51	40	LF	0510 INSTALLING C15X40 HOT-ROLLED CHANNELS (SEE SPECIFICATIONS FOR MORE DETAILS). UNIT PRICE IS PER LINEAR FOOT OF CHANNEL.		
52	26	LF	0520 DRILLING HOLES (7/8 INCH DIAMETER - 1-3/8 INCH DIAMETER) INTO EXISTING CONCRETE FOR DOWEL BAR AND/OR REINFORCEMENT INSTALLATION		
53	16	LF	0530 DRILLING HOLES (1-1/2 INCH DIAMETER - 2 INCH DIAMETER) INTO EXISTING CONCRETE FOR DOWEL BAR AND/OR REINFORCEMENT INSTALLATION		
54	200	LF	0540 12 INCH SQUARE PPC, IN PLACE (PRE-STRESSED PORTLAND CEMENT)		
55	200	LF	0550 14 INCH SQUARE PPC PILE, IN PLACE (PRE-STRESSED PORTLAND CEMENT)		
56	200	LF	0560 16 INCH SQUARE PPC PILE, IN PLACE (PRE-STRESSED PORTLAND CEMENT)		
57	4	EA	0570 CLASS (B) TREATED TIMBER PILES, 40 FT LONG, IN PLACE		
58	4	EA	0580 CLASS (B) TREATED TIMBER PILES, 50 FT. LONG, IN PLACE		
59	4	EA	0590 CLASS (B) TREATED TIMBER PILES, 60 FT. LONG, IN PLACE		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
60	4	EA	0600 CLASS (B) TREATED TIMBER PILES, 70 FT. LONG, IN PLACE		
61	2	EA	0610 LOADING PERMANENT PILES		
62	1500	BDFT	0620 TREATED TIMBER FOR BULKHEADS AND WINGWALLS, IN PLACE		
63	1000	BDFT	0630 TREATED TIMBER FOR SWAY BRACING, IN PLACE		
64	2500	SQFT	0640 PZ27 STEEL SHEET PILING (PERMANENT)		
65	2500	SQFT	0650 PZ27 STEEL SHEET PILING (TEMPORARY)		
66	42	SQYD	0660 GEOTEXTILE FABRIC FOR BULKHEADS/ WING WALLS AND PIPES, IN PLACE		
67	177	SQYD	0670 GEOTEXTILE FABRIC FOR SUBGRADE/ BASE COURSE, IN PLACE		
68	3	CUYD	0680 STRUCTURAL CONCRETE FOR PILE BENT CAPS, HIGH EARLY STRENGTH, 4000 PSI, 72 HOURS, IN PLACE		
69	5	CUYD	0690 STRUCTURAL CONCRETE FOR WINGWALL/ BREASTWALL EXTENSION, HIGH EARLY STRENGTH, 4000 PSI, 72 HOURS, IN PLACE		
70	1	CUYD	0700 STRUCTURAL CONCRETE FOR CAST-IN- PLACE PILES, HIGH EARLY STRENGTH, 4000 PSI, 72 HOURS, IN PLACE		
71	4	CUYD	0710 STRUCTURAL CONCRETE FOR CAST-IN- PLACE BRIDGE DECK, HIGH EARLY		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			STRENGTH, 4000 PSI, 72 HOURS, IN PLACE		
72	20	CUYD	0720 STRUCTURAL CONCRETE FOR CULVERT TRANSITION FLUMES, HIGH EARLY STRENGTH, 4000 PSI, 72 HOURS, IN PLACE		
73	10	CUYD	0730 STRUCTURAL CONCRETE FOR CULVERT HEADWALLS, HIGH EARLY STRENGTH, 4000 PSI, 72 HOURS, IN PLACE		
74	20	CUYD	0740 STRUCTURAL CONCRETE FOR CULVERT MAINTENANCE SLABS, HIGH EARLY STRENGTH, 4000 PSI, 72 HOURS, IN PLACE		
75	952	LB	0750 REINFORCING STEEL, GRADE 60 FOR BRIDGE DECK SLABS, IN PLACE		
76	318	LB	0760 REINFORCING STEEL, GRADE 60 FOR BENT CAPS, PILE EXTENSIONS, AND BREASTWALL/WINGWALL EXTENSIONS, IN PLACE		
77	500	LB	0770 REINFORCING STEEL, GRADE 60 FOR HEADWALLS, TRANSITION FLUMES AND MAINTENANCE SLABS		
78	26454	LB	0780 REINFORCING STEEL, GRADE 60 FOR APPROACH SLABS, IN PLACE		
79	456	SQFT	0790 PRECAST WASKEY BRIDGE DECK SLAB UNITS, IN PLACE		
80	1	CUYD	0800 NORMAL GROUT, IN PLACE		
81	1	CUYD	0810 NON-SHRINK GROUT, AS DIRECTED, IN PLACE		
82	100	SQYD	0820 CONCRETE CAST-IN-PLACE REVETMENT, 4 INCH THICK, IN PLACE		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
83	100	SQYD	0830 CELLULAR CONCRETE BLOCKS 4 INCH THICK, REVETMENT, IN PLACE		
84	200	EA	0840 PREPACKAGED SACKED CONCRETE, 80 LBS REVETMENT, IN PLACE		
85	100	SQYD	0850 STONE AND RECYCLED CONCRETE REVETMENT (12 INCH THICK MINIMUM), IN PLACE		
86	60	LF	0860 CAST-IN-PLACE CONCRETE BRIDGE BARRIER (32 INCH HEIGHT)		
87	60	LF	0870 CAST-IN-PLACE PCC BARRIER RAIL TRANSITION END (IN ACCORDANCE WITH STANDARD LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT (HEREINAFTER REFERRED TO AS LADOTD) DETAIL BR-02)		
88	40	LF	0880 CAST-IN-PLACE PCC TAPER-DOWN BARRIER RAIL (32 INCH HEIGHT TO MOUNTABLE CURB HEIGHT) (IN ACCORDANCE WITH STANDARD LADOTD DETAIL BR-05)		
89	50	LF	0890 W-BEAM GUARDRAIL #10 GAUGE INCLUDING GUARDRAIL, STEEL/TREATED TIMBER POSTS AND BLOCKS, AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 6 FT. - 3 INCH SPACING, IN PLACE ON-BRIDGE		
90	50	LF	0900 W-BEAM GUARDRAIL #10 GAUGE INCLUDING GUARDRAIL, STEEL/TREATED TIMBER POSTS AND BLOCKS, AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 6 FT. - 3 INCH SPACING, IN PLACE OFF-BRIDGE		
91	50	LF	0910 W-BEAM GUARDRAIL #10 GAUGE INCLUDING GUARDRAIL,		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

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ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
92	50	LF	STEEL/TREATED TIMBER POSTS AND BLOCKS, AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING, IN PLACE ON-BRIDGE 0920 W-BEAM GUARDRAIL #10 GAUGE INCLUDING GUARDRAIL,		
93	40	LF	STEEL/TREATED TIMBER POSTS AND BLOCKS AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING, IN PLACE OFF-BRIDGE 0930 SINGLE THRIE-BEAM GUARDRAIL #10 GAUGE INCLUDING GUARDRAIL,		
94	40	LF	STEEL/TREATED TIMBER POSTS AND BLOCKS, AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 6 FT. - 3 INCH SPACING, IN ACCORDANCE WITH LADOTD ITEM 704 (01) (B). ON-BRIDGE 0940 SINGLE THRIE-BEAM GUARDRAIL #10 GAUGE INCLUDING GUARDRAIL,		
95	50	LF	STEEL/TREATED TIMBER POSTS AND BLOCKS, AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 6 FT. - 3 INCH SPACING, IN ACCORDANCE WITH LADOTD ITEM 704 (01) (B) OFF-BRIDGE 0950 SINGLE THRIE-BEAM GUARDRAIL #10 GAUGE INCLUDING GUARDRAIL,		
96	50	LF	STEEL/TREATED TIMBER POSTS AND BLOCKS, AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING, IN ACCORDANCE WITH LADOTD ITEM 704 (01) (A) ON-BRIDGE 0960 SINGLE THRIE-BEAM GUARDRAIL #10 GAUGE INCLUDING GUARDRAIL,		
			STEEL/TREATED TIMBER POSTS AND BLOCKS, AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 3 FT. -		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			1-1/2 INCH SPACING, IN ACCORDANCE WITH LADOTD ITEM 704 (01) (A) OFF-BRIDGE		
97	2	EA	0970 6 FT. - 3 INCH W/THRIE-BEAM TRANSITION SECTION WITH STEEL/TREATED TIMBER POSTS AND BLOCKS AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING, IN ACCORDANCE WITH LADOTD ITEM 704 (08) (A) ON-BRIDGE		
98	2	EA	0980 6 FT. - 3 INCH W/THRIE-BEAM TRANSITION SECTION WITH STEEL/TREATED TIMBER POSTS AND BLOCKS AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING, IN ACCORDANCE WITH LADOTD ITEM 704 (08) (A) OFF-BRIDGE		
99	4	EA	0990 GALVANIZED END WINGS (4 HOLE) #10 GAUGE, IN PLACE		
100	50	LF	1000 W-BEAM GUARDRAIL (#10 GAUGE) (ONLY) AND NECESSARY MOUNTING HARDWARE, PUNCHED FOR 6 FT. - 3 INCH SPACING		
101	50	LF	1010 W-BEAM GUARDRAIL (#10 GAUGE) (ONLY) AND NECESSARY MOUNTING HARDWARE, PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING		
102	50	LF	1020 THRIE-BEAM GUARDRAIL (#10 GAUGE) (ONLY) AND NECESSARY MOUNTING HARDWARE, PUNCHED FOR 6 FT. - 3 INCH SPACING		
103	50	LF	1030 THRIE-BEAM GUARDRAIL (#10 GAUGE) (ONLY) AND NECESSARY MOUNTING HARDWARE, PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING		
104	26	EA	1040 THRIE-BEAM TERMINAL CONNECTOR AND NECESSARY MOUNTING HARDWARE		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
105	5	EA	1050 POST REPLACEMENT (INCLUDING REMOVAL OF OLD POST) AND INSTALLATION (TIMBER/METAL POSTS), ON-BRIDGE		
106	5	EA	1060 POST REPLACEMENT (INCLUDING REMOVAL OF OLD POST) AND INSTALLATION (TIMBER/METAL POSTS), OFF-BRIDGE		
107	7	EA	1070 6 FT. - 3 INCH W/THRIE-BEAM TRANSITION SECTION (ONLY) AND NECESSARY MOUNTING HARDWARE, PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING		
108	20	EA	1080 PROVIDE TEMPORARY PRECAST CONCRETE BARRIER RAIL, 15 FT. LONG (4 EACH MIN.) INSTALLED AND REMOVED		
109	4	EA	1090 RELOCATING 15 FT. LONG TEMPORARY PRECAST CONCRETE BARRIER RAIL		
110	4	EA	1100 37 FT. - 6 INCH STANDARD END TREATMENT (MELT) COMPLETE WITH BUFFERED END AND ANCHORAGE SECTION, AND STRUT AND YOLK ASSEMBLY		
111	4	EA	1110 W-BEAM TRAILING END SECTION WITH STEEL/TREATED TIMBER POSTS		
112	4	EA	1120 THRIE-BEAM TRAILING END SECTION WITH STEEL/TREATED TIMBER POSTS		
113	2	EA	1130 25 FT. - 0 INCH GUARDRAIL TRANSITION (#10 GAUGE), INCLUDING ONE (1) THRIE-BEAM TERMINAL CONNECTOR, 12 FT. - 6 INCH OF DOUBLE THRIE-BEAM GUARDRAIL, 6 FT. - 3 INCH OF W/THRIE BEAM TRANSITION SECTION,		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			6 FT. - 3 INCH OF W-BEAM, STEEL/TREATED TIMBER POSTS AND BLOCKS AND ALL NECESSARY MOUNTING HARDWARE IN ACCORDANCE WITH LADOTD ITEM NO. 704-08-B		
114	58	EA	1140 FLASHING YELLOW ARROW BOARD, PER DAY		
115	9	EA	1150 STANDARD CONSTRUCTION SIGNS GREATER THAN OR EQUAL TO 10 SQ. FT. INCLUDING INSTALLATION AND REMOVAL		
116	58	EA	1160 STANDARD CONSTRUCTION SIGNS LESS THAN 10 SQ. FT. INCLUDING INSTALLATION AND REMOVAL		
117	314	EA	1170 TYPE III BARRICADES, WITH LIGHTS, PER DAY		
118	5	EA	1180 TYPE I BARRICADES, PER DAY		
119	1	EA	1190 CUSTOM SIGNS UP TO 16 SQ.FT., INSTALLATION AND REMOVAL		
120	586	EA	1200 PLASTIC BARREL WITH WARNING LIGHT AND REFLECTIVE SHEETING, PER DAY		
121	25	EA	1210 PLASTIC ATTENUATOR DEVICE (WATER FILLED) ATTACHED TO BLUNT END OF PRECAST CONCRETE BARRIER RAIL, PER DAY		
122	25	EA	1220 PLASTIC ATTENUATOR BARREL (SAND FILLED), PER DAY		
123	12	HR	1230 POLICE DETAIL FOR TRAFFIC CONTROL (MIN. 4 HRS.)		
124	250	LF	1240 TEMPORARY PAVEMENT STRIPING (4 INCH WIDTH) - SOLID OR BROKEN,		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			IN PLACE		
125	250	LF	1250 THERMOPLASTIC PAVEMENT STRIPING (4 INCH WIDTH) - SOLID OR BROKEN, IN PLACE		
126	20	EA	1260 REFLECTORIZED RAISED PAVEMENT MARKERS (CLASS IV)		
127	250	LF	1270 REMOVAL OF EXISTING PAVEMENT STRIPING AND/OR TEMPORARY PAVEMENT STRIPING		
128	100	LF	1280 6 INCH DIAMETER PVC PIPE PERFORATED, 1/2 INCH DIAMETER HOLE 12 INCH CENTER TO CENTER, IN PLACE		
129	9	CF	1290 POLYMER-MODIFIED, PORTLAND CEMENT MORTAR REPAIRS TO CONCRETE BRIDGE SECTIONS		
130	10	QT	1300 TYPE I GRADE A EPOXY (FOR SETTING DOWEL BARS AND/OR REINFORCING BARS INTO EXISTING CONCRETE BRIDGE SECTIONS)		
131	4	EA	1310 GALVANIZED SHEET METAL PILE COVERS		
132	70	LF	1320 REMOVAL AND DISPOSAL OF EXISTING HANDRAIL (WOOD, STEEL OR ALUMINUM)		
133	100	LF	1330 STEEL HANDRAIL (PER DETAILED DRAWING)		
134	50	LF	1340 PAINTED STEEL HANDRAIL (REPLACE IN-KIND)		
135	50	LF	1350 GALVANIZED STEEL HANDRAIL (REPLACE IN-KIND)		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
136	50	LF	1360 ALUMINUM HANDRAIL (REPLACE IN-KIND)		
137	105	SQYD	1370 ST. AUGUSTINE GRASS SOD		
138	75	SQYD	1380 CENTIPEDE GRASS SOD		
139	50	SQYD	1390 BERMUDA GRASS SOD		
140	10	LB	1400 ST. AUGUSTINE GRASS SEED		
141	10	LB	1410 CENTIPEDE GRASS SEED		
142	10	LB	1420 BERMUDA GRASS SEED		
143	50	SQYD	1430 HYDRO-SEEDING		
144	1	EA	1440 PEDESTRIAN BRIDGE, 10 FT. SPAN 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE		
145	1	EA	1450 PEDESTRIAN BRIDGE, 20 FT. SPAN, 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE		
146	1	EA	1460 PEDESTRIAN BRIDGE, 30 FT. SPAN, 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE		
147	1	EA	1470 PEDESTRIAN BRIDGE, 40 FT. SPAN, 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE		
148	1	EA	1480 PEDESTRIAN BRIDGE, 50 FT. SPAN, 6 FT. - 0 INCH CLEAR WIDTH,		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			4 FT. - 6 INCH HIGH, IN PLACE		
149	1	EA	1490 PEDESTRIAN BRIDGE, 60 FT. SPAN, 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE		
150	1	EA	1500 PEDESTRIAN BRIDGE, 70 FT. SPAN, 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE		
151	1	EA	1510 PEDESTRIAN BRIDGE, 80 FT. SPAN, 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE		
152	1	EA	1520 PEDESTRIAN BRIDGE, 90 FT. SPAN, 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE		
153	1	EA	1530 PEDESTRIAN BRIDGE, 100 FT. SPAN, 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE		
154	1	EA	1540 PEDESTRIAN BRIDGE, 110 FT. SPAN, 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE		
155	1	EA	1550 PEDESTRIAN BRIDGE, 120 FT. SPAN, 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE		
156	5	DY	1560 ARTICULATING BRIDGE INSPECTION PLATFORM (SNOOPER TRAILER) AND OPERATOR (RENTAL)		
157	1	DY	1570 CLEANING OF DRAINAGE SYSTEM OF CAUSEWAY BLVD. OVERPASS/ INTERCHANGE AT AIRLINE DR. (WEEKDAY WORK), 9:00 AM TO 3:00 PM		
158	1	DY	1580 CLEANING OF DRAINAGE SYSTEM OF CAUSEWAY BLVD. OVERPASS/		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			INTERCHANGE AT AIRLINE DR. (WEEKEND WORK)		
159	1	DY	1590 CLEANING OF DRAINAGE SYSTEM OF CAUSEWAY BLVD. OVERPASS AT VETERANS BLVD. (WEEKDAY WORK) 9:00 AM TO 3:00 PM		
160	1	DY	1600 CLEANING OF DRAINAGE SYSTEM OF CAUSEWAY BLVD. OVERPASS AT VETERANS BLVD. (WEEKEND WORK)		
161	1	DY	1610 CLEANING OF DRAINAGE SYSTEM OF LAPALCO BRIDGE AT HARVEY CANAL (WEEKDAY WORK) 9:00 AM TO 3:00 PM		
162	1	DY	1620 CLEANING OF DRAINAGE SYSTEM OF LAPALCO BRIDGE AT HARVEY CANAL (WEEKEND WORK)		
163	1	DY	1630 CLEANING OF DRAINAGE SYSTEM OF LAPALCO BRIDGE AT BAYOU SEGNETTE (WEEKDAY WORK) 9:00 AM TO 3:00 PM		
164	1	DY	1640 CLEANING OF DRAINAGE SYSTEM OF LAPALCO BRIDGE AT BAYOU SEGNETTE (WEEKEND WORK)		
165	1	SQYD	1645 MOBILIZATION (PER PROJECT), {PROJECT COST RANGE: \$0.00 - \$9,999.99}; ADDITIONAL MOBILIZATION FEE IS 30% OF PROJECT COST. **THIS IS A NO BID ITEM.**		
166	1	SQYD	1650 MOBILIZATION (PER PROJECT), {PROJECT COST RANGE: \$10,000.00 - \$19,999.99}; ADDITIONAL MOBILIZATION FEE IS 25% OF PROJECT COST. **THIS IS A NO BID ITEM.**		
167	1	SQYD	1655 MOBILIZATION (PER PROJECT), {PROJECT COST RANGE:		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			<p>\$20,000.00 - \$34,999.99}; ADDITIONAL MOBILIZATION FEE IS 22.5% OF PROJECT COST.</p> <p>**THIS IS A NO BID ITEM.**</p>		
168	1	SQYD	<p>1660 MOBILIZATION (PER PROJECT), {PROJECT COST RANGE:</p> <p>\$35,000.00 - \$49,999.99}; ADDITIONAL MOBILIZATION FEE IS 20% OF PROJECT COST.</p> <p>**THIS IS A NO BID ITEM.**</p>		
169	1	SQYD	<p>1665 MOBILIZATION (PER PROJECT), {PROJECT COST RANGE:</p> <p>\$50,000.00 - \$74,999.99}; ADDITIONAL MOBILIZATION FEE IS 17.5% OF PROJECT COST.</p> <p>**THIS IS A NO BID ITEM.**</p>		
170	1	SQYD	<p>1670 MOBILIZATION (PER PROJECT), {PROJECT COST RANGE:</p> <p>\$75,000.00 - \$99,999.99}; ADDITIONAL MOBILIZATION FEE IS 15% OF PROJECT COST.</p> <p>**THIS IS A NO BID ITEM.**</p>		
171	1	SQYD	<p>1675 MOBILIZATION (PER PROJECT), {PROJECT COST RANGE:</p> <p>\$100,000.00 - \$149,99.99}; ADDITIONAL MOBILIZATION FEE IS 12.5% OF PROJECT COST.</p> <p>**THIS IS A NO BID ITEM.**</p>		
172	1	SQYD	<p>1680 MOBILIZATION (PER PROJECT), {PROJECT COST RANGE:</p> <p>\$150,000.00 - \$199,999.99}; ADDITIONAL MOBILIZATION FEE IS 10% OF PROJECT COST.</p> <p>**THIS IS A NO BID ITEM.**</p>		
173	1	SQYD	<p>1685 MOBILIZATION (PER PROJECT), {PROJECT COST RANGE:</p> <p>\$200,000.00 - \$299,999.99};</p>		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096803

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			<p>ADDITIONAL MOBILIZATION FEE IS 7.5% OF PROJECT COST.</p> <p>**THIS IS A NO BID ITEM.**</p>		
174	1	SQYD	<p>1687 MOBILIZATION (PER PROJECT), {PROJECT COST RANGE: \$300,000.00 AND ABOVE}; ADDITIONAL MOBILIZATION FEE IS 5% OF PROJECT COST.</p> <p>**THIS IS A NO BID ITEM.**</p>		
175	2	EA	<p>1690 PILE DRIVING MOBILIZATION (PER PROJECT)</p> <p>(4-10 PILE PROJECT)</p>		
176	2	EA	<p>1700 PILE DRIVING MOBILIZATION (PER PROJECT)</p> <p>(11-20 PILE PROJECT)</p>		
177	2	EA	<p>1710 PILE DRIVING MOBILIZATION (PER PROJECT)</p> <p>(GREATER THAN 20 PILE PROJECT)</p>		
178	1	JOB	1720 NIGHT WORK		

AFFIDAVIT

STATE OF LOUISIANA
PARISH OF JEFFERSON

BEFORE ME, THE UNDERSIGNED AUTHORITY, PERSONALLY CAME AND APPEARED _____, WHO AFTER BEING BY ME DULY SWORN, DEPOSED AND SAID THAT HE IS THE FULLY AUTHORIZED _____ OF _____ (HEREIN AFTER REFERRED TO AS BIDDER) THE PARTY WHO SUBMITTED A BID FOR _____, BID NO. _____ AND SAID AFFIANT FURTHER SAID:

- 1) That bidder employed no person, corporation, firm, association or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the bidder whose services in connection with the construction of the public building or project or in securing the public contract were in the regular course of their duties for bidder; and
- 2) That no part of the contract price received by bidder was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the bidder whose services in connection with the construction of the public building or project were in the regular course of their duties for bidder.
- 3) Said bid is genuine and the bidder has not colluded, conspired or agreed directly or indirectly with any other bidder to offer a sham or collusive bid.
- 4) Said bidder has not in any manner, directly or indirectly, agreed with any other person to fix the bid price of affiant or any other bidder, or to fix any overhead, profit or cost element of said bid price, or that of any other bidder, or to induce any other person to refrain from bidding.
- 5) Said bidder is not intended to secure an unfair advantage of benefit from the Parish of Jefferson or in favor of any person interested in the proposed contract.

SWORN TO AND SUBSCRIBED
BEFORE ME THIS _____
DAY OF _____, 20 _____

NOTARY PUBLIC

INSURANCE REQUIREMENTS

All insurance requirements shall conform to Jefferson Parish Resolution No. 113646 or No. 113647 dated 12/09/09.

The contractor shall not commence work under this contract until he has obtained all insurance and complied with the requirements of the specifications and Resolution No. 113646 or No. 113647.

WORKER'S COMPENSATION INSURANCE

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

COMMERCIAL GENERAL LIABILITY

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

COMPREHENSIVE AUTOMOBILE LIABILITY

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.
Property Damage Liability \$1,000,000.00 each occurrence.

DEDUCTIBLES

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible be borne by the contractor.

UMBRELLA LIABILITY COVERAGE

An umbrella policy or excess may be used to meet minimum requirements.

CONSTRUCTION AND RENOVATION PROJECTS REQUIRE THE FOLLOWING:

OWNER'S PROTECTIVE LIABILITY

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

BUILDER'S RISK INSURANCE

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.

BRIDGE REPAIR AND MAINTENANCE CONTRACT

ONE (1) YEAR CONTRACT FOR BRIDGE REPAIR AND MAINTENANCE FOR THE DEPARTMENT OF PUBLIC WORKS - STREETS, TO BE PROVIDED ON AS NEEDED BASIS, EXCLUDING GRAND ISLE.

A SURETY BOND OF 5% IS REQUIRED.

A PERFORMANCE BOND OF 100% IS REQUIRED FOR THIS BID.

A LOUISIANA STATE CONTRACTOR'S LICENSE IS REQUIRED IN THE CATEGORY OF HIGHWAY, STREET AND BRIDGE CONSTRUCTION.

A **PRE-BID CONFERENCE** will be held at **9:30 A.M.** on **TUESDAY, MARCH 16, 2010**, in the PURCHASING DEPARTMENT, Suite 4400 JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETN, LA 70053.

THE TERMS AND CONDITIONS OF RESOLUTIONS 113646 AND 113647 WILL BE CONSIDERED A PART OF THE BID WHETHER ATTACHED OR NOT. A COPY MAY BE OBTAINED FROM THE OFFICE OF THE PARISH CLERK, 6TH FLOOR, GENERAL GOVERNMENT BUILDING, 200 DERBIGNY ST., GRETN, LA 70053.

THE CONTRACTOR SHALL BE AWARE AND SHALL BE HELD RESPONSIBLE UNDER THIS CONTRACT TO THE REQUIREMENTS PRESCRIBED BY THE FOLLOWING RESOLUTIONS.

RESOLUTIONS NOS. 113646 AND 113647 "PROVIDES FOR A UNIFORM SET OF GENERAL SPECIFICATIONS AND CONDITIONS FOR ALL CONTRACTORS ENGAGED IN PERFORMING WORK OR SERVICES FOR THE PARISH OF JEFFERSON".

GENERAL SPECIFICATIONS

THE QUANTITIES IN THE PROPOSAL FORM ARE APPROXIMATE FOR THE COMPARISON OF BIDS ONLY. THE PARISH RESERVES THE RIGHT TO PURCHASE ONLY SUCH ITEMS AND IN SUCH QUANTITIES AS NEEDED FOR THE DURATION OF THIS CONTRACT.

IF CONTRACTOR LEAVES THE JOB INCOMPLETE FOR OVER A 30 DAY PERIOD, THE PARISH HAS THE RIGHT TO GO TO THE NEXT LOWEST RESPONSIBLE BIDDER TO START OR COMPLETE THE WORK ORDER. HOWEVER, IF THE CONTRACTOR HAS A VALID REASON TO HOLD OFF ON A JOB, HE HAS TO OBTAIN WRITTEN PERMISSION FROM THE DIRECTOR OF STREETS FOR THE STIPULATED DELAY. ALSO, THE OWNER HAS THE

RIGHT TO PUT A HOLD ON A JOB AT THE BEGINNING OR WHEN JOB IS IN PROGRESS WITHOUT DESIGNATING A REASON. IF THE JOB IS DISCONTINUED, THE CONTRACTOR WILL BE COMPENSATED ONLY FOR THE ITEMS OF WORK ACTUALLY DONE AND NOT FOR ANY DOWN TIME.

THE CONTRACTOR SHALL NOT WORK DURING THE HOLIDAYS OBSERVED BY JEFFERSON PARISH UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE DIRECTOR. ALSO, CONTRACTOR SHALL NOT SCHEDULE ANY CONTRACT WORK ON MAJOR ROADS AND THOROUGHFARES BETWEEN THANKSGIVING AND NEW YEAR HOLIDAYS, OR DURING MARDI GRAS SEASON.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR, AT THEIR OWN EXPENSE, PROVIDING SAFE AND EXPEDITIOUS MOVEMENT OF TRAFFIC THROUGH CONSTRUCTION ZONES, I.E., THE IMMEDIATE AREA OF ACTUAL CONSTRUCTION AND ALL ABUTTING AREAS USED BY THE CONTRACTOR AND WHICH INTERFERES WITH THE DRIVING OR WALKING PUBLIC. CONTRACTOR RESPONSIBILITY INCLUDES BUT IS NOT LIMITED TO SUCH ITEMS AS PROPER CONSTRUCTION WARNING SIGNS, SIGNALS, LIGHTING DEVICES, (INCLUDING ELECTRICAL/ELECTRONIC FLASHING ARROW BOARD), MARKINGS, BARRICADES, CHANNELIZATION, HAND SIGNALING DEVICES, (FLAGGING OPERATIONS), CONSTRUCTION WARNING SIGNS, DETOUR ROUTING, AND ANY/ALL ADDITIONAL SIGNAGE REQUIRED FOR PROPER TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO JEFFERSON PARISH.

ADEQUATE SAFETY PRECAUTIONS WILL BE TAKEN FOR ALL WORK PERFORMED UNDER THIS CONTRACT. NECESSARY BARRICADES, SIGNS, LIGHTS AND WARNING DEVICES WILL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS PROVIDED BY THE ENGINEER OR THE SPECIFICATIONS IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.), LATEST EDITION.

DURING THE PERFORMANCE OF ALL WORK AS OUTLINED IN THESE SPECIFICATIONS, THE CONTRACTOR WILL EXERCISE DUE CAUTION REGARDING UNDERGROUND UTILITIES AND WILL COOPERATE WITH REPRESENTATIVES OF THE RESPECTIVE UTILITY COMPANIES AND/OR PARISH DEPARTMENTS TO AVOID DAMAGE TO THEIR INSTALLATIONS.

THE CONTRACTOR MUST PROTECT, SUPPORT AND MAINTAIN, ALL SUBSURFACE, SURFACE, AND AERIAL UTILITIES THAT MAY BE AFFECTED BY HIS WORK. IN THE EVENT OF ANY DAMAGE TO THE EXISTING UTILITIES, CONTRACTOR SHALL RESTORE SERVICE, AS SOON AS POSSIBLE, AT HIS OWN EXPENSE. THE CONTRACTOR SHALL HAVE THE SOLE RESPONSIBILITY OF RESOLVING ANY LAWSUITS AND LIABILITIES ARISING

FROM DEFECTIVE WORKMANSHIP, IMPROPER MAINTENANCE OF UTILITIES AND/OR WORK SITE.

THE CONTRACTOR SHOULD CONSULT WITH THE DEPARTMENT OF PUBLIC WORKS TRAFFIC ENGINEERING DIVISION IMMEDIATELY UPON ANY VEHICULAR OR PEDESTRIAN SAFETY OR EFFICIENCY PROBLEM INCURRED AS A RESULT OF CONSTRUCTION OF A PROJECT.

IF THERE ARE ANY CONFLICTING UTILITIES THAT NEED RELOCATION OR ADJUSTMENTS, THE CONTRACTOR WILL ALLOW REASONABLE TIME TO ACCOMPLISH THIS TASK. THERE IS NO ADDED COMPENSATION FOR DELAYS AND COST CAUSED BY THE CONFLICT.

IF ANY LIENS ARE FILED DURING EXECUTION OF THIS CONTRACT, THE PARISH SHALL WITHHOLD THE NEXT ACCRUING PAYMENT AND SHALL HAVE THE AUTHORITY TO SATISFY THE CLAIM AND DEDUCT THE AMOUNT FROM PAYMENTS DUE.

IF ANY LIENS ARISING OUT OF THIS CONTRACT SHOULD BE DISCOVERED TO EXIST AFTER ALL PAYMENTS ARE MADE, THE CONTRACTOR SHALL REFUND THE PARISH ALL MONIES THAT THE LATTER MAY BE COMPELLED TO PAY IN DISCHARGING SUCH LIENS.

WORK STOPPAGE DUE TO PUBLICALLY DECLARED EMERGENCY:

IF THERE IS AN EMERGENCY DECLARED BY THE FEDERAL, STATE OR LOCAL GOVERNMENT IN JEFFERSON PARISH OR IN ANY PORTION THEREOF, THEN ALL WORK ON THIS PROJECT SHALL CEASE UNTIL SUCH TIME AS THE CONTRACTOR IS INSTRUCTED TO RESUME WORK BY DEPARTMENT DIRECTOR (NO ONE ELSE) WHO HAS JURISDICTION OVER THE PROJECT.

IF THERE IS ANY TYPE OF WORK WHICH MUST PROCEED TO PREVENT HARM TO PERSONS OR PROPERTY, OR DAMAGE TO THE PROJECT ITSELF, THEN CONTRACTOR SHOULD IMMEDIATELY CONTACT THE DEPARTMENT DIRECTOR FOR NECESSARY INSTRUCTIONS. IF CONTRACTOR IS UNABLE TO CONTACT THE DEPARTMENT DIRECTOR, CONTRACTOR MAY PERFORM THE WORK NECESSARY TO PREVENT SUCH HARM IN ACCORDANCE WITH INDUSTRY SAFETY STANDARDS.

CONTRACTOR SHALL BE ENTITLED TO AN EXTENSION OF TIME FOR THE PERIOD OF THE STOPPAGE, BUT SHALL NOT BE ENTITLED TO ANY ADDITIONAL COMPENSATION BY REASON THEREOF.

TECHNICAL SPECIFICATIONS**PAVEMENT REMOVAL AND DISPOSAL:**

BID PRICES SHOULD INCLUDE ALL COSTS FOR LABOR, EQUIPMENT AND MATERIAL NECESSARY TO REMOVE AND DISPOSE OF EXISTING PAVEMENT FOR THE THICKNESS AS SHOWN. WHERE CONCRETE TO BE REMOVED HAS BEEN OVERLAID WITH ASPHALT, THE CONTRACTOR WILL BE PAID FOR SUCH ADDED AVERAGE THICKNESS. CURBING SHALL BE REMOVED WITH THE SLAB WHERE REQUIRED AND THE CURB HEIGHT WILL NOT BE ADDED TO SLAB THICKNESS. ALL OF THE EXCAVATED MATERIAL WHETHER CONCRETE/ASPHALT OR ANY MATERIAL SHALL BE HAULED OFF FROM THE JOB SITE IF IT IS NOT NEEDED BY THE PARISH. SHOULD THE PARISH DESIRE, THE CONTRACTOR WILL DUMP BROKEN PAVEMENT AT A DISPOSAL SITE DESIGNATED BY THE PARISH AT NO ADDED COST, PROVIDED THAT THE DISPOSAL (DUMPING) SITE IS WITHIN A 21-MILE RADIUS OF THE WORK SITE AND MAY INVOLVE CROSSING THE MISSISSIPPI RIVER. ADDITIONALLY, SHOULD THE PARISH DESIRE, THE CONTRACTOR WILL LOAD REMOVED PAVEMENT ONTO PARISH TRUCKS AT THE WORK SITE AT NO ADDED COST, PROVIDED THE PARISH TRUCKS ARE PRESENT AT THE WORK SITE AT THE TIME OF REMOVAL AND DO NOT UNDULY DELAY THE CONTRACTOR'S WORK. HOWEVER, THE ULTIMATE RESPONSIBILITY FOR DISPOSAL OF ALL OF THE REMOVED PAVEMENT RESTS WITH THE CONTRACTOR.

CARE MUST BE EXERCISED SO THAT JOINTING MATERIALS AND DEVICES ADJACENT TO THE CONCRETE TO BE REMOVED SHALL NOT BE DAMAGED. ANY PAVEMENT DAMAGED BY THE CONTRACTOR AS A RESULT OF NEGLIGENCE, EITHER WILLFUL OR ACCIDENTAL, WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

REMOVAL AND DISPOSAL OF EXISTING CONCRETE CURBS AND GUTTERS:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO REMOVE AND DISPOSE OF EXISTING CONCRETE CURBS AND GUTTERS.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LINEAR FOOT OF CURB OR COMBINATION CURB AND GUTTER REMOVED.

REMOVAL AND DISPOSAL OF EXISTING 32" HIGH CONCRETE BARRIER RAIL:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO REMOVE AND DISPOSE OF EXISTING CONCRETE BARRIER RAIL IN PREPARATION FOR BARRIER RAIL REPAIR AND/OR UPGRADE.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LINEAR FOOT OF 32" HIGH BARRIER RAIL REMOVED, WHICH INCLUDES FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS TO COMPLETE THIS WORK. THERE WILL BE "NO DIRECT PAYMENT" FOR SAWCUTTING, REINFORCEMENT CUTTING, JACK HAMMERING, DRILLING, CORING OR GUARDRAIL DETACHMENT REQUIRED FOR THE REMOVAL OF THE BARRIER RAIL FROM THE EXISTING BRIDGE DECK OR APPROACH SLAB.

PORTLAND CEMENT CONCRETE PAVING:

THIS ITEM COVERS THE FURNISHING OF ALL MATERIALS AND INSTALLATION OF PCC PAVEMENTS FOR THICKNESS AS SHOWN. CONCRETE SHALL BE CLASS A, 4000 PSI 72 HOURS HIGH EARLY STRENGTH, 5200 PSI AT 28 DAYS WITH A MINIMUM OF 7 SACKS OF CEMENT.

MIX FOR 4000 PSI 72 HOURS

SLUMP RANGE	2" - 5" (NON-VIBRATED) 2" - 4" (VIBRATED)
RETARDER	REQUIRED, USE PER MANUFACTURER
AIR ENTRAINMENT	5% BY VOLUME, USE PER MANUFACTURER
CEMENT	TYPE 1, 7 SACKS/CU.YD.
WATER	POTABLE, 6 GAL./SACK MAX.
SAND	994 LBS.
GRAVEL	1671 LBS.

BID PRICES SHOULD INCLUDE ALL COSTS FOR LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PROVIDE FINISHED PORTLAND CEMENT CONCRETE PAVING, IN PLACE, AS DESCRIBED UNDER THIS ITEM OF THE PROPOSAL. ALL REQUIRED JOINTING MATERIALS SHALL BE INCLUDED IN PRICE BID UNDER EACH ITEM. METHOD OF JOINTING SHALL BE THE SAME AS THE EXISTING JOINTS IN THE AREA OF WORK, UNLESS OTHERWISE DIRECTED BY THE ENGINEER REVIEWING THE PROJECT.

DAMAGED, MISSING, AND/OR NEW TRANSVERSE DOWEL BARS AND STARLUGS SHALL BE REPLACED. 1-1/4" X 18" SMOOTH DOWEL BARS ON 12" CENTERS SHALL BE USED. THE BARS SHALL BE PLACED IN THE EXISTING PAVEMENT BY DRILLING 1-3/8" HOLES TO A DEPTH OF 9" AND FILLING WITH AN APPROVED EPOXY GROUT BEFORE INSERTING THE DOWEL BARS. DAMAGED, MISSING AND/OR NEW LONGITUDINAL DOWEL BARS SHALL ALSO BE REPLACED. 1/2" X 24" DEFORMED TIE BARS ON 24" CENTERS SHALL BE USED. THESE DEFORMED TIE BARS SHALL BE PLACED IN THE EXISTING PAVEMENT BY DRILLING 5/8" HOLES TO A DEPTH OF 15" AND FILLING WITH AN APPROVED EPOXY BEFORE INSERTING THE BARS. CONTRACTOR IS RESPONSIBLE FOR ANY DEFORMED BARS FOR LONGITUDINAL JOINTS. IF TOEING UNDER THE SLAB IS APPROVED AS AN OPTION BY THE PARISH REPRESENTATIVE IN LIEU OF DOWELING, THERE IS NO ADDITIONAL COMPENSATION FOR CONCRETE PAVING. BID PRICES SHALL ALSO INCLUDE ADEQUATE CURING OF THE CONCRETE PLACED IN THE PROPER SEALING OF CONTRACTION AND EXPANSION JOINTS.

BID PRICES UNDER THIS ITEM SHALL ALSO INCLUDE COSTS FOR ALL LAYOUT AND GRADES REQUIRED TO EXECUTE THE WORK, SUCH AS GRADES FOR SETTING PAVING FORMS, ETC.

MIXES SHALL CONFORM TO LADOTD STANDARD SPECIFICATIONS AND LATEST EDITION AND REVISIONS AND ALL APPLICABLE SECTIONS, AND AS SPECIFIED.

PORTLAND CEMENT CONCRETE MIXTURE CURBS AND GUTTERS:

THE PORTLAND CEMENT CONCRETE MIXTURE FOR CURB AND COMBINATION CURB AND GUTTER GRADES FOR SETTING PAVING FORMS, ETC.

MIXES SHALL CONFORM TO LADOTD STANDARD SPECIFICATIONS AND LATEST EDITION AND REVISIONS AND ALL APPLICABLE SECTIONS, AND AS SPECIFIED.

PORTLAND CEMENT CONCRETE CURBS AND GUTTERS:

THE PORTLAND CEMENT CONCRETE MIXTURE FOR CURB AND COMBINATION CURB AND GUTTER CONSTRUCTION SHALL BE A MINIMUM OF 4000 PSI/72 HOURS, HIGH EARLY STRENGTH AND ALSO WILL PROVIDE PROPER WORKABILITY, CURB STRENGTH AND MINIMUM CONTRACTION CRACKING. PCC CURBS AND GUTTERS MAY BE PLACED BY EXTRUDING MACHINE OR BY FORMING AND HAND PLACEMENT AT CONTRACTOR'S OPTION AND WILL BE BONDED TO HOLDING SURFACE IN A MANNER APPROVED BY THE DEPARTMENT OF STREETS, WHICH MAY INCLUDE DOWELING AND/OR AN APPROVED BONDING AGENT.

THE ACCEPTED QUANTITIES OF CURB AND COMBINATION CURB AND GUTTER WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LINEAR FOOT, INCLUDING ALL LABOR, EQUIPMENT AND MATERIALS INCIDENTAL TO THE WORK.

REMOVAL OF EXISTING CURBS AND GUTTERS WILL BE PAID FOR SEPARATELY UNDER OTHER ITEMS.

EXCAVATION AND FILL MATERIAL:

THIS ITEM COVERS WORK AND MATERIALS GENERALLY ASSOCIATED WITH BASE, SHOULDER, DRAINAGE AND DRESS-UP WORK. EXCAVATION WILL BE PAID BY CUBIC YARD TRUCK MEASURE LOADED AT THE JOB SITE OR BY COMPUTING THEORETICAL VOLUMES. FILL MATERIALS WILL BE PAID BY CUBIC YARD TRUCK MEASURE DELIVERED TO THE WORK SITE. BID PRICES SHALL INCLUDE COSTS FOR COMPACTION AND GRADING OF MATERIALS WHEN USED FOR THE BASE CONSTRUCTION.

SHOULD THE PARISH DESIRE, THE CONTRACTOR WILL DUMP EXCAVATED MATERIAL AT A DISPOSAL SITE DESIGNATED BY THE PARISH AT NO ADDED COST, PROVIDED THAT THE DISPOSAL (DUMPING) SITE IS WITHIN A 21-MILE RADIUS OF THE WORK SITE AND SOMETIMES MAY INVOLVE CROSSING THE MISSISSIPPI RIVER. ADDITIONALLY, SHOULD THE PARISH DESIRE, THE CONTRACTOR WILL LOAD EXCAVATED MATERIALS ONTO PARISH TRUCKS AT THE WORK SITE AT NO ADDED COST, PROVIDED THAT THE PARISH TRUCKS ARE PRESENT AT THE WORK SITE AT THE TIME OF EXCAVATION AND DO NOT UNDULY DELAY THE CONTRACTOR'S WORK. HOWEVER, THE ULTIMATE RESPONSIBILITY FOR DISPOSAL OF ALL OF THE EXCAVATED MATERIALS RESTS WITH THE CONTRACTOR. HAUL AND/OR LOADING TICKETS WILL BE ISSUED FOR EACH TRUCK LOAD OF MATERIAL DELIVERED AND PLACED ON THE JOB AND/OR TRUCK LOAD OF EXCAVATED MATERIALS HAULED FROM THE JOB SITE.

ALL ORIGINAL HAUL TICKETS HAVE TO BE FURNISHED BY THE CONTRACTOR FOR PAYMENT.

THE CONTRACTOR WILL EXERCISE DUE CAUTION REGARDING UNDERGROUND UTILITIES DURING EXCAVATION OPERATIONS AND WILL COOPERATE WITH REPRESENTATIVES OF THE UTILITY COMPANIES AND PARISH DEPARTMENTS TO AVOID DAMAGE TO THEIR INSTALLATIONS. HOWEVER, CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR ALL DAMAGES CAUSED BY HIS ACTIONS.

RECYCLED PORTLAND CEMENT CONCRETE:

RECYCLED PORTLAND CEMENT CONCRETE SHALL BE USED FROM APPROVED STOCKPILES. STOCKPILES OF CRUSHED CONCRETE SHALL BE UNIFORM AND FREE FROM SOILS, REINFORCING STEEL, DEBRIS, EXCESSIVE AMOUNTS OF ASPHALTIC MATERIALS AND OTHER FOREIGN MATTER. MATERIAL SAMPLING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS FOR STONE BY THE LADOTD, SECTION 301 OF THE MATERIALS SAMPLING MANUAL. CRUSHED CONCRETE SHALL CONFORM TO THE ABRASIONS AND SOUNDNESS FOR ROADS AND BRIDGES AND CONFORM TO THE FOLLOWING GRADATION:

CLASS I

-----US SIEVE

PERCENT PASSING

1-1/2"	100
1"	90-100
3/4"	70-100
NO. 4	35-65
NO. 40	12-32
NO. 200	5-16

AGGREGATE PASSING THE NO. 40 SIEVE SHALL HAVE 100% PASSING THROUGH 4 INCH MESH AND A MAXIMUM OF 20 PERCENT PASSING THROUGH 2 INCH MESH.

AGGREGATE PASSING THE NO. 40 SIEVE SHALL HAVE A MAXIMUM LIQUID LIMIT OF 25 AND A MAXIMUM PLASTICITY INDEX OF 6.

CRUSHED CONCRETE IN CLASS II GRADATION SHALL HAVE 100% PASSING THROUGH 4 INCH MESH AND A MAXIMUM OF 20 PERCENT PASSING THROUGH 2 INCH MESH.

LIMESTONE FOR BASE AND SHOULDER:

SPECIFICATIONS SHALL BE IN ACCORDANCE WITH REFERENCED SECTION IN LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, UNDER "STONE". IN ADDITION, THE MATERIAL SHALL BE CALCITIC OR DOLMITIC WITH CALCIUM CARBONATE NOT LESS THAN 85 PERCENT AND THE SILICA CONTENT (IMPURITIES) NOT TO EXCEED 5 PERCENT.

TESTING:

THE PARISH AT ITS OWN WILL AND EXPENSE CAN APPOINT AN INDEPENDENT TESTING LABORATORY FOR MATERIAL AND CONSTRUCTION TESTING. NO ADVANCE NOTICE OF TESTING WILL BE PROVIDED TO THE CONTRACTOR. ALSO TESTING BY PARISH WILL NOT RELIEVE CONTRACTOR FROM HIS OWN TESTING PROCEDURES. IN THE EVENT THE TEST RESULTS EITHER BY CONTRACTOR OR PARISH DO NOT MEET THE REQUIRED SPECIFICATIONS, CONTRACTOR SHALL REPLACE OR RECONSTRUCT AND CORRECT ALL THE DEFICIENCIES TO SATISFY THE SPECIFICATIONS, AS STIPULATED BY LADOTD CURRENT SPECIFICATIONS AND ANY REVISIONS.

SAW CUTTING:

MACHINE SAW CUTS IN CONCRETE/ASPHALT PAVEMENT SHALL BE PAID FOR BY LINEAR FOOT PER INCH DEPTH OF CUT AND THE DEPTHS SHALL BE PRE-APPROVED BY PARISH REPRESENTATIVES AND MEASURED IN THE FIELD.

DETECTABLE WARNINGS ON HANDICAPPED AND/OR CURB RAMPS:

WHERE NECESSARY OR AS DIRECTED BY THE ENGINEER, EXISTING SIDEWALK AND CURBING AT INTERSECTIONS AND MEDIANS SHALL BE BROKEN AND/OR SAWCUT, REMOVED AND REPLACED WITH A NEW PORTLAND CEMENT CONCRETE CURB RAMP FOR THE HANDICAPPED. CURB RAMPS SHALL CONFORM TO ADAAG (AMERICANS WITH DISABILITIES ACTS ACCESSIBILITY GUIDELINES) 4.7 AND THE LATEST JEFFERSON PARISH STANDARD PLANS DEPICTING THE DETAILS OF DETECTABLE WARNINGS.

DETECTABLE WARNINGS ON HANDICAPPED RAMPS MAY BE PLACED ACCORDING TO EITHER OF THE FOLLOWING METHODS AS PER THE DIRECTION OF THE ENGINEER:

- A) INSTALLATION OF "TERRA COTTA" COLORED MASONRY UNIT PAVERS WITH DETECTABLE WARNINGS.

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO INSTALL "TERRA COTTA" COLORED MASONRY UNITS WITH RAISED TRUNCATED DOMES THAT ARE 0.9 INCH IN DIAMETER, 0.2 INCH HIGH AND 2.35 INCHES CENTER TO CENTER SPACED ON HANDICAPPED/CURB RAMPS.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD OF PAVERS INSTALLED, INCLUDING ALL LABOR,

EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO PROVIDE COMPLETE COVERAGE.

- B) STAMPING/IMPRINTING CONCRETE RAMP SURFACES WITH DETECTABLE WARNINGS AND APPLYING "TERRA COTTA" COLORED DYE OR HARDENER.

THIS WORK CONSISTS OF FURNISHING ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS NECESSARY TO STAMP/IMPRINT AND COLOR PORTLAND CEMENT CONCRETE RAMP AREA. THE CONCRETE STAMP SHALL BE ABLE TO PRODUCE RAISED TRUNCATED DOMES THAT ARE 0.9 INCH IN DIAMETER, 0.2 INCH HIGH AND 2.35 INCHES CENTER TO CENTER SPACED, AND THE HARDNER OR DYE SHALL BE REDDISH IN COLOR LIKE "TERRA COTTA".

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD OF COLORED AND STAMPED AREA, INCLUDING LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO PROVIDE COMPLETE COVERAGE.

ANY SAWCUTTING OF EXISTING CONCRETE, REMOVAL AND DISPOSAL OF EXISTING CONCRETE AND FURNISHING, FORMING AND PLACEMENT OF NEW PORTLAND CEMENT CONCRETE FOR HANDICAPPED/CURB RAMPS WILL BE PAID FOR SEPARATELY UNDER OTHER ITEMS.

CRACK AND JOINT SEALING:

THIS ITEM IS TO PROVIDE GENERAL SEALING OF CRACKS AND/OR JOINTS IN EXISTING PAVEMENT. THIS WORK WOULD USUALLY BE DONE IN AREAS CONTIGUOUS TO A PAVING PROJECT BEING DONE UNDER THIS CONTRACT. BID PRICES SHOULD INCLUDE ALL COSTS FOR LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO APPLY AN APPROVED LIQUID POURED SEALANT OF THE ASPHALT TYPE AS SPECIFIED UNDER SECTION 1005.02 OF LOUISIANA SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION AND REVISIONS. CRACKS AND/OR JOINTS SHALL BE CLEANED BY FORCED AIR AND CHIPPED IF NECESSARY IN ACCORDANCE WITH GENERALLY ACCEPTED PROCEDURES PRIOR TO POURING THE SEALANT AT NO ADDITIONAL COST.

ASPHALT PAVEMENT:

THE BITUMINOUS HOT MIX ASPHALT (TYPE III) SHALL CONFORM TO THE LATEST ASTM AND AASHTO SPECIFICATIONS. ALL WORKMANSHIP, EQUIPMENT AND MATERIALS SHALL BE IN ACCORDANCE WITH SECTIONS

501, 503, 504, 505, 1002 AND 1003 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION AND REVISIONS.

BID PRICES FOR THIS WORK SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO PROVIDE FINISHED ASPHALTIC CONCRETE PAVEMENT IN PLACE.

PAYMENT FOR ASPHALTIC CONCRETE BINDER COURSE AND WEARING COURSE IN PLACE SHALL BE BY THE CONTRACT UNIT PRICE PER TON. THERE WILL BE NO DIRECT PAYMENT FOR CONSTRUCTION LAYOUT, TACK COAT OR PRIME COAT REQUIRED TO ACCOMPLISH THIS WORK.

COLD PLANING EXISTING ASPHALT PAVEMENT:

ALL WORK SHALL BE IN ACCORDANCE WITH SECTION 509 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION AND REVISIONS. PAYMENT FOR THIS WORK SHALL BE MADE AT THE CONTRACT UNIT PRICE PER SQUARE YARD PER INCH OF DEPTH REMOVED, WHICH INCLUDES REMOVAL AND DISPOSAL.

TIE ROD REPLACEMENT:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO REPLACE DAMAGED OR BROKEN TIE RODS ON EXISTING BRIDGE STRUCTURES.

CONTRACTOR SHOULD NOTE THAT A TYPICAL REPLACEMENT TIE ROD HAS A NOMINAL DIAMETER OF 7/8 INCH; HOWEVER, EXISTING TIE ROD SIZES IN THE FIELD MAY VARY. CONTRACTOR SHALL REPLACE ALL EXISTING TIE RODS IN KIND.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LINEAR FOOT OF THE TIE ROD INSTALLED, INCLUDING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS TO COMPLETE THIS WORK.

THERE WILL BE "NO DIRECT PAYMENT" FOR THE REMOVAL OF EXISTING TIE RODS OR FOR FURNISHING AND INSTALLING NEW HARDWARE SUCH AS BOLTS, WASHERS, ETC. ANY REMOVAL AND REINSTALLATION OF DECK PANELS NECESSARY TO PERFORM THIS WORK WILL BE PAID FOR SEPARATELY. PROVIDE TEMPORARY SUPPORT FOR THE CHANGE OUT OF DETERIORATED TIMBER CAPS:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY FOR PROVIDING

TEMPORARY SUPPORT TO EXISTING BRIDGE STRUCTURES REQUIRED FOR REPLACEMENT OF DETERIORATED TIMBER CAPS.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH SUPPORT INSTALLED, BASED ON A BRIDGE WIDTH OF 28 FEET, INCLUDING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS TO COMPLETE THIS WORK.

THE CONTRACT UNIT PRICE WILL BE ADJUSTED AND PRORATED ACCORDINGLY FOR WIDTHS OTHER THAN 28 FEET.

REMOVAL AND DISPOSAL OF EXISTING PRECAST BRIDGE PANELS (WASKEY SLAB, CHANNEL BEAM OR SIMILAR):

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO REMOVE AND DISPOSE OF EXISTING PRECAST CONCRETE BRIDGE PANELS WHERE INDICATED ON THE PLANS AND/OR DIRECTED BY THE ENGINEER.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD OF PANELS REMOVED, INCLUDING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS TO COMPLETE THIS WORK. THERE SHALL BE "NO DIRECT PAYMENT" FOR REMOVAL OF EXISTING TIE RODS, POST TENSIONING CABLES, BOLTS AND/OR HARDWARE REQUIRED TO ACCOMPLISH THIS WORK.

UPON REQUEST OF THE PROJECT REPRESENTATIVE FOR THE PARISH, THE EXISTING PANELS SHALL BE DELIVERED TO AND UNLOADED AT A DESIGNATED PARISH OWNED SITE WITHIN A 21-MILE RADIUS OF THE PROJECT AT NO ADDITIONAL COST.

REMOVAL AND DISPOSAL OF EXISTING CAST-IN-PLACE PCC BRIDGE DECK:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO REMOVE AND DISPOSE OF EXISTING CAST-IN-PLACE CONCRETE BRIDGE DECK WHERE INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD OF CONCRETE REMOVED, INCLUDING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK. THERE SHALL BE "NO DIRECT PAYMENT" FOR SAWCUTTING, CUTTING REINFORCEMENT, JACK HAMMERING, DRILLING, AND/OR CORING REQUIRED FOR COMPLETION OF THIS WORK.

REMOVAL AND REINSTALLATION OF EXISTING PRECAST BRIDGE PANELS:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY FOR THE REMOVAL AND REINSTALLATION OF EXISTING PRECAST BRIDGE PANELS (WASKEY SLAB, CHANNEL BEAM OR SIMILAR).

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH UNIT REMOVED AND REPLACED, INCLUDING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED FOR COMPLETION OF WORK. THERE SHALL BE "NO DIRECT PAYMENT" FOR REMOVAL AND REINSTALLATION OF EXISTING TIE RODS, OR OTHER HARDWARE NECESSARY TO ACCOMPLISH THIS WORK. ANY WORK ASSOCIATED WITH THE REPLACEMENT OF 30# TARRED FELT ATOP EXISTING CAPS BEFORE REINSTALLATION WILL BE CONSIDERED INCIDENTAL.

REMOVAL AND DISPOSAL OF EXISTING VERTICAL DOWEL BARS AND/OR DRIFT PINS FROM BENT CAPS:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY FOR REMOVAL AND DISPOSAL OF EXISTING VERTICAL DOWEL BARS AND/OR DRIFT PINS FROM CONCRETE BENT CAPS WHERE INDICATED ON PLANS OR DIRECTED BY THE ENGINEER.

CONTRACTOR WILL BE REQUIRED TO USE EITHER A TORCH OR SAW EQUIPPED WITH A BLADE CAPABLE OF CUTTING METAL. DOWELS AND/OR PINS SHALL BE CUT OFF FLUSH WITH THE TOP OF EXISTING CAP.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH BAR CUT, INCLUDING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS WORK.

REMOVAL AND REPLACEMENT OF BRICK:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO REMOVE AND REPLACE BRICK ON STRUCTURES, INCLUDING BUT NOT LIMITED TO, BENTS, COLUMNS, AND PLANTERS.

ALL BRICK SHALL COMPLY WITH SUBSECTIONS 1004.02 AND 1004.03 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH BRICK INSTALLED, WHICH INCLUDES ALL LABOR, EQUIPMENT,

MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK. CONTRACTOR SHALL NOTE THAT THERE WILL BE "NO DIRECT PAYMENT" FOR ANY SCAFFOLDING NEEDED TO ACCOMPLISH THIS WORK.

INSTALLING STEEL CHANNELS ON CONCRETE PILE CAPS:

THIS ITEM CONSISTS OF PROVIDING ALL MATERIALS, EQUIPMENT, LABOR AND INCIDENTALS REQUIRED FOR THE INSTALLATION OF STEEL CHANNELS ON EXISTING CONCRETE PILE CAPS.

SPECIFICATIONS FOR INSTALLING THE STEEL CHANNELS ON CONCRETE PILE CAPS ARE AS FOLLOWS:

- A) TRUBOLT WEDGE ANCHORS SHALL BE OF STAINLESS STEEL PER AISI 304 MANUFACTURED BY RED HEAD, CATALOG NO. WW-7880, 7/8" DIAMETER, 8" OVERALL LENGTH AND 3-3/4" MINIMUM EMBEDMENT IN CONCRETE.
- B) CHANNELS SHALL BE C15X40 (WITH 1/2" STIFFENERS AT 6" CENTERS WHEN APPLICABLE) HOT-DIPPED GALVANIZED, PER ASTM A 123. AFTER FABRICATION, AREAS THAT HAVE VOIDS IN THE COATING, DUE TO MECHANICAL DAMAGE IN THE FIELD, SHALL BE REPAIRED WITH COLD GALVANIZING COMPOUND PER THE MANUFACTURER'S WRITTEN RECOMMENDATION AND ASTM A 780.
- C) INSTALLATION PROCEDURES FOR TRUBOLT WEDGE ANCHOR: HOLES SHALL BE DRILLED WITH A PERCUSSION OR ROTARY HAMMER DRILL AND CARBIDE DRILL BIT EQUAL TO THE DIAMETER OF ANCHOR BEING INSTALLED AND MEETING THE TOLERANCE SPECIFICATIONS OF ANSI B94.12-1977. CORE DRILLING OR ROTATIONAL ONLY DRILLING, OF ANY KIND, WILL NOT BE ALLOWED.

HOLES WILL BE DRILLED TO A DEPTH GREATER THAN THE INTENDED EMBEDMENT OF THE ANCHOR AND CLEANED OF CONCRETE DUST AND DEBRIS WITH FORCED AIR. HOLE CLEANING MAY BE AVOIDED IF HOLES ARE DRILLED TO A DEPTH OF TWO ANCHOR DIAMETERS BEYOND THE INTENDED EMBEDMENT, OR IF DRILLING OVERHEAD.

THE WEDGE ANCHOR IS THEN HAMMERED INTO THE HOLE WITH THE NUT AND WASHER INSTALLED FLUSH WITH THE END OF THE ANCHOR TO PROTECT THE LENGTH IDENTIFICATION MARKINGS. THE ANCHOR SHALL THEN BE TORQUED TO THE MANUFACTURER'S RECOMMENDED SETTING.

THIS WORK WILL BE PAID FOR PER LINEAR FOOT OF STEEL CHANNEL, WHICH INCLUDES ALL MATERIALS, EQUIPMENT, LABOR AND INCIDENTALS TO INSTALL STEEL CHANNELS AS DESCRIBED ABOVE TO COMPLETE THE REPAIR.

DRILLING HOLES INTO EXISTING CONCRETE FOR DOWEL BAR AND/OR REINFORCEMENT INSTALLATION:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY FOR DRILLING HOLES INTO EXISTING CONCRETE BREASTWALLS/WINGWALLS, PILES, AND BENT CAPS IN ORDER TO SECURE DOWEL BARS AND/OR REINFORCING BARS. THIS WORK DOES NOT INCLUDE FURNISHING OR INSTALLING DOWEL BARS, REINFORCING BARS OR EPOXY.

THIS WORK WILL BE PAID FOR PER LINEAR FOOT OF DRILLED HOLE DEPTH, INCLUDING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS WORK. PAYMENT FOR THE FURNISHING AND INSTALLATION OF DOWEL BARS, REINFORCING BARS AND EPOXY FOR SETTING THESE BARS WILL BE PAID FOR SEPARATELY UNDER OTHER ITEMS.

TREATED TIMBER PILES:

THIS WORK CONSISTS OF FURNISHING AND DRIVING PILES OF THE KIND AND SIZE DESIGNATED TO THE REQUIRED PENETRATION.

TIMBER PILES SHALL BE SOUTHERN YELLOW PINE OR DOUGLAS FIR, CLASS "B" TREATED, AND SHALL CONFORM TO ASTM D25 AND IN ACCORDANCE WITH SECTIONS 804 AND 1014 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION. DEPENDING ON LOCATION AND SITE CONDITION, THE "OWNER" RESERVES THE RIGHT TO SPECIFY ANY OF THE TIMBER PRESERVATIVES SHOWN IN SECTION 1014.03 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

A MINIMUM OF FOUR (4) PILES WILL BE ORDERED AT EACH TIME OF SAME LENGTH OR COMBINATION AS REQUIRED. PILES THAT ARE UNUSED SHALL BE HAULED TO A SITE WITHIN A 21-MILE RADIUS OF THE WORK SITE AT NO EXPENSE TO THE PARISH.

TREATED TIMBER PILES WILL BE PAID FOR BY EACH, AT SPECIFIED LENGTH, WHICH INCLUDES FURNISHING ALL EQUIPMENT, LABOR AND MATERIALS TO COMPLETE THE WORK.

TREATED TIMBER:

THIS WORK CONSISTS OF FURNISHING AND INSTALLING TREATED TIMBER IN BRIDGE BULKHEAD/WINDWALLS AND SWAY BRACING ON BRIDGE BENTS.

TIMBER SHALL BE SOUTHERN YELLOW PINE, GRADE 1 DENSE SR TIMBER OR DOUGLAS FIR GRADED "SELECT STRUCTURAL", IN ACCORDANCE WITH SECTIONS 812 AND 1014 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

DEPENDING ON LOCATION AND SITE CONDITION THE "OWNER" RESERVES THE RIGHT TO INSTALLING TREATED TIMBER IN BRIDGE BULKHEAD/WINDWALLS AND SWAY BRACING ON BRIDGE BENTS.

TIMBER SHALL BE SOUTHERN YELLOW PINE, GRADE 1 DENSE SR TIMBER OR DOUGLAS FIR GRADED "SELECT STRUCTURAL", IN ACCORDANCE WITH SECTIONS 812 AND 1014 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION. DEPENDING ON LOCATION AND SITE CONDITION THE "OWNER" RESERVES THE RIGHT TO SPECIFY ANY OF THE TIMBER PRESERVATIVES SHOWN IN SECTION 1014.13 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

TREATED TIMBER WILL BE PAID FOR PER BDFT (BOARD FOOT MEASURE) WHICH INCLUDES FURNISHING ALL EQUIPMENT, LABOR AND MATERIALS NECESSARY TO COMPLETE THE WORK.

THERE SHALL BE "NO DIRECT PAYMENT" FOR ANY NECESSARY REMOVAL OF EXISTING TIMBER, CONNECTORS, HARDWARE AND STRUCTURAL SHAPES. TIMBER CONNECTORS, HARDWARE AND STRUCTURAL SHAPES REQUIRED TO CONNECT TO NEW TIMBER AND ANY NECESSARY WORK ASSOCIATED WITH EXISTING DRAIN LINES, SHALL BE INCIDENTAL TO THE BID UNIT PRICES UNDER THIS ITEM. ALL TIMBER CONNECTORS, HARDWARE AND STRUCTURAL SHAPES SHALL CONFORM TO SECTIONS 1018.07 AND 1018.08 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

GEOTEXTILE FABRIC:

THIS WORK CONSISTS OF FURNISHING AND INSTALLING GEOTEXTILE FABRIC IN LOCATIONS DESIGNATED AND/OR DIRECTED BY THE ENGINEER, IN CONFORMITY WITH THE REQUIREMENTS OF SECTION 1019 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION. INSTALLATION MUST BE IN STRICT

ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND REQUIREMENTS.

GEOTEXTILE FABRIC WILL BE PAID FOR PER SQUARE YARD, WHICH INCLUDES FURNISHING ALL EQUIPMENT, LABOR, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

STRUCTURAL CONCRETE:

THIS WORK CONSISTS OF FURNISHING, FORMING, PLACING, FINISHING AND CURING PORTLAND CEMENT CONCRETE FOR BRIDGE DECKS, PILE BENT CAPS, PILES, WINGWALLS/BREASTWALLS, HEADWALLS, TRANSITION FLUMES, MAINTENANCE SLABS AND OTHER STRUCTURES.

CONCRETE SHALL CONFORM TO SECTIONS 805, 813, AND 901 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

CONCRETE WILL BE PAID FOR AT CONTRACT UNIT PRICE BID, WHICH INCLUDES FURNISHING ALL EQUIPMENT, LABOR, MATERIALS, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK. REINFORCING STEEL SHALL BE PAID FOR SEPARATELY.

REINFORCING STEEL:

THIS WORK CONSISTS OF FURNISHING AND PLACING REINFORCING STEEL FOR REINFORCED PORTLAND CEMENT CONCRETE STRUCTURES.

REINFORCING STEEL SHALL BE GRADE 60 DEFORMED BARS CONFORMING TO ASTM 615, OR ASTM 616, OR ASTM 617, IN ACCORDANCE WITH SECTIONS 806 AND 1009 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

REINFORCING STEEL WILL BE PAID FOR BY THE POUND, WHICH INCLUDES FURNISHING ALL EQUIPMENT, LABOR, MATERIALS, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

REPLACEMENT OF PRECAST CONCRETE WASKEY BRIDGE DECK SLAB UNITS:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS REQUIRED FOR THE INSTALLATION OF NEW PRECAST CONCRETE WASKEY BRIDGE DECK SLAB UNITS.

NEW SLAB UNITS SHALL BE 19'-0" LONG, 4'-0" AND/OR 3'-6" WIDE (OR OF TOTAL WIDTH AS DESIGNATED BY THE ENGINEER), 10 INCH DEEP, PRECAST CONCRETE AS MANUFACTURED BY WASKEY BRIDGES, INC.

CONTRACTOR IS CAUTIONED THAT IN ORDER TO INSTALL THE NEW DECK SLABS, EXISTING ADJACENT SLAB UNITS AND TIE-RODS WILL HAVE TO BE REMOVED. CONTRACTORS SHALL REPLACE THE 2 LAYERS OF 30# TARRED FELT, HOT-MOPPED, ON TOP OF THE EXISTING CAP PRIOR TO REINSTALLING THE NEW UNITS. ALL JOINT MATERIALS SHALL BE REPLACED ONCE DECK UNITS ARE IN PLACE.

NEW CONCRETE BRIDGE SLABS WILL BE PAID FOR PER SQUARE FOOT, WHICH INCLUDES FURNISHING ALL EQUIPMENT, LABOR, AND MATERIALS NECESSARY TO COMPLETE THE WORK.

REMOVAL AND REINSTALLATION OF DECK PANELS ADJACENT TO THE LOCATION(S) OF NEW PANEL(S), REMOVAL AND DISPOSAL OF DECK PANELS TO BE REPLACED, AND SEALING OF DECK JOINTS AFTER INSTALLATION WILL BE PAID FOR SEPARATELY UNDER OTHER ITEMS.

HYDRAULIC FILL GROUT:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS REQUIRED TO PLACE HYDRAULIC FILL GROUT UNDERNEATH BRIDGE APPROACH SLABS AND/OR STREETS AT LOCATIONS DIRECTED BY THE ENGINEER.

NORMAL HYDRAULIC FILL GROUT IS A SOIL-CEMENT SLURRY COMPOSED OF PUMPED RIVER SAND AND THREE (3) (MINIMUM) SACKS OF CEMENT PER CUBIC YARD, WITH WATER ADDED TO ALLOW MATERIAL TO BE PUMPED.

NON-SHRINK GROUT SHALL CONFORM TO ASTM C 1107 AND SHALL BE A COMMERCIAL FORMULATION SUITABLE FOR THE APPLICATION PROPOSED.

CONTRACTOR SHALL DRILL AT "NO DIRECT PAY" A SUFFICIENT NUMBER OF HOLES NO MORE THAN 6 FEET APART FROM EACH OTHER, IN EACH APPROACH SLAB AND/OR STREET PAVEMENT TO ALLOW PROPER PLACEMENT OF FILL.

HYDRAULIC FILL GROUT WILL BE PAID FOR BY THE CUBIC YARD WHICH INCLUDES FURNISHING ALL EQUIPMENT, LABOR, MATERIALS, AND INCIDENTALS TO COMPLETE THE WORK.

REVETMENTS:

THIS WORK CONSISTS OF FURNISHING AND CONSTRUCTING REVETMENTS FOR PROTECTION OF EMBANKMENT SLOPES, STREAM CHANNELS AND OTHER AREAS.

REVETMENTS SHALL BE CONSTRUCTED AT LOCATIONS DESIGNATED BY THE ENGINEER AND IN ACCORDANCE WITH SECTION 712 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

REVETMENTS WILL BE PAID FOR BY SQUARE YARD OR BY SACK WHICH INCLUDES FURNISHING ALL EQUIPMENT, LABOR, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

32" HIGH CONCRETE BARRIER RAIL, BARRIER RAIL TRANSITION END, AND TAPER-DOWN BARRIER:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS REQUIRED TO INSTALL CONCRETE BARRIERS, BARRIER RAIL TRANSITION ENDS AND TAPER-DOWN BARRIERS ON BRIDGES AND/OR APPROACH SLABS.

CONCRETE BARRIERS, BARRIER TRANSITION ENDS AND TAPER-DOWN BARRIERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD PLANS IN LADOTD BRIDGE DESIGN MANUAL, LATEST EDITION AND ANY FURTHER REVISIONS.

CONCRETE BARRIERS, BARRIER TRANSITION ENDS AND TAPER-DOWN BARRIERS WILL BE PAID FOR BY THE LINEAR FOOT, WHICH INCLUDES FURNISHING ALL EQUIPMENT, LABOR, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

REINFORCING STEEL AND HARDWARE REQUIRED FOR THE CONCRETE BARRIER RAILS WILL BE CONSIDERED AS INCIDENTALS TO THE WORK AND WILL NOT BE PAID SEPARATELY.

GUARDRAILS:

THIS WORK CONSISTS OF FURNISHING AND CONSTRUCTING W-BEAM/THRIE BEAM TYPE HIGHWAY GUARDRAIL TO THE CONFIGURATION AS DIRECTED BY THE FIELD ENGINEER. MATERIALS AND WORKMANSHIP SHALL CONFORM TO SECTION 704 OF THE LOUISIANA STANDARD SPECIFICATIONS, LATEST EDITION AND REVISIONS AND APPLICABLE SECTIONS. INSTALLATION OF SPECIFIC END SECTIONS WILL BE DESIGNATED BY THE FIELD ENGINEER AND SHALL CONFORM TO

GUARDRAIL DETAILS OF THE LADOTD DRAWINGS DATED MAY 28, 1997, SHEETS 1 THROUGH 11, GR-200 AND ANY FURTHER REVISIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF OLD OR DAMAGED RAIL ASSEMBLIES AT NO ADDED EXPENSE, AND SUCH RAILS SHALL BECOME PROPERTY OF THE CONTRACTOR.

ADDITIONAL WORK SUCH AS HAVING THE RAIL CONFORM TO A GIVEN RADIUS SHOWN ON PLAN SHALL BE CONSIDERED INCIDENTAL TO THE JOB.

GUARDRAIL WILL BE PAID FOR BY THE LINEAR FOOT INSTALLED AND NOT BY LENGTH FABRICATED, WHICH INCLUDES FURNISHING ALL EQUIPMENT, LABOR, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

RELOCATING 15 FT. LONG TEMPORARY PRECAST CONCRETE BARRIERS:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO RELOCATE TEMPORARY PRECAST CONCRETE BARRIERS IN ORDER TO ACCOMMODATE PHASED CONSTRUCTION OR AS DIRECTED BY THE ENGINEER DURING THE COURSE OF CONSTRUCTION.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH 15 FT. UNIT RELOCATED PER OCCURRENCE, WHICH INCLUDES ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK.

TRAFFIC CONTROL DEVICES:

ALL TRAFFIC CONTROL DEVICES SHALL BE INSTALLED ACCORDING TO THE PLANS PROVIDED BY THE ENGINEER OR THE SPECIFICATIONS IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.), LATEST EDITION. PAYMENT FOR ALL TRAFFIC CONTROL DEVICES SHALL BE PER BID PRICE FOR EACH ITEM, INCLUDING ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS NECESSARY TO PROVIDE ADEQUATE TRAFFIC CONTROL PER PROJECT.

ON OCCASION, ELECTRONIC FLASH BOARDS MAY BE REQUIRED TO CONTROL EXPEDITIOUS TRAFFIC MOVEMENT. USE OF ELECTRONIC FLASH BOARDS AUTHORIZED BY THE PROJECT ENGINEER WILL BE COMPENSATED AT THE BID UNIT PRICE FOR FLASHING YELLOW ARROW BOARD.

ON OCCASION, AS AUTHORIZED BY TRAFFIC ENGINEERING, JEFFERSON PARISH/STATE POLICE OFFICIALS MAY BE NEEDED TO DIRECT TRAFFIC. THE CONTRACTOR SHALL BE COMPENSATED ON AN HOURLY BASIS (MINIMUM 4 HOURS) AT THE BID UNIT PRICE FOR POLICE DETAIL FOR TRAFFIC CONTROL.

PERFORATED PLASTIC UNDERDRAIN PIPE:

THIS WORK CONSISTS OF FURNISHING AND INSTALLING PLASTIC UNDERDRAIN PIPE IN PLACE, WHICH IS PERFORATED AS SPECIFIED.

THE PIPE SHALL BE ONE OF THE FOLLOWING:

- A) ACRYLONITRILE-BUTADIENE-STYRENE (AS):
ACRYLONITRILE-BUTADIENE-STYRENE SHALL CONFORM TO ASTM D 2751, SDR 35, PERFORATIONS, IF SPECIFIED, SHALL CONFORM TO AASHTO M 252.
- B) CORRUGATED POLYETHYLENE (PE):
CORRUGATED POLYETHYLENE SHALL CONFORM TO AASHTO M 252 TYPE C. PERFORATIONS, IF SPECIFIED, SHALL CONFORM TO AASHTO M 252.
- C) POLYVINYL CHLORIDE (PVC):
POLYVINYL CHLORIDE SHALL CONFORM TO AASHTO M 278 OR ASTM D 3034 SDR 35. PERFORATIONS, IF SPECIFIED, SHALL CONFORM TO AASHTO M 252.
- D) POLYETHYLENE PIPE (SMOOTH WALL):
POLYETHYLENE PIPE (SMOOTH WALL) SHALL CONFORM TO ASTM F 714, DR 11 WITH A MINIMUM CELL CLASSIFICATION OF 33543C IN ACCORDANCE WITH ASTM D 3350, PERFORATIONS, IF SPECIFIED, SHALL CONFORM TO ASHTO M 252.
- E) CORRUGATED POLYETHYLENE CULVERT PIPE (DOUBLE WALL) (CPECP):
CORRUGATED POLYETHYLENE CULVERT PIPE SHALL BE AASHTO M 252 AND AASHTO M 294, TYPE S.

PERFORATED PLASTIC UNDERDRAIN PIPE SHALL BE PAID FOR BY LINEAR FOOT WHICH INCLUDES FURNISHING ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS NECESSARY TO INSTALL THE PIPE IN PLACE.

POLYMER-MODIFIED, PORTLAND CEMENT MORTAR REPAIRS TO CONCRETE BRIDGE SECTIONS:

THIS WORK CONSISTS OF FURNISHING ALL MATERIALS, EQUIPMENT AND PERFORMANCE OF ALL LABOR TO APPLY AN APPROVED STRUCTURAL REPAIR MORTAR TO EXISTING CONCRETE BRIDGE SECTIONS WHERE INDICATED ON THE PLANS AND/OR DIRECTED BY THE ENGINEER IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

MATERIALS USED SHALL BE POLYMER-MODIFIED PORTLAND CEMENT, 2-COMPONENT, FAST SETTING, NON SAG, PATCHING MORTAR. IT SHALL BE SPECIALLY FORMULATED FOR APPLICATION BY TROWEL TO VERTICAL AND OVERHEAD SURFACES. THE REPAIR MORTAR USED SHALL BE FROM SIKATOP 123 PLUS OR AN APPROVED EQUAL.

THE CONCRETE IN THE VICINITY OF THE SPALLED AREA(S) SHALL BE REMOVED TO SOUND CONCRETE. THE CONCRETE AT THE PERIMETER OF THESE AREAS SHALL BE REMOVED TO A MINIMUM DEPTH OF 1" WITH SQUARE CORNERS.

PRIOR TO APPLICATION, THE EXISTING SURFACE SHALL BE PREPARED BY REMOVING ALL DETERIORATED CONCRETE, DIRT, OIL, GREASE AND ANY OTHER COMPOUNDS WHICH WOULD INHIBIT MATERIAL BONDING TO THE EXISTING SURFACE. EXPOSED REBAR SHALL BE WIRE BRUSHED TO REMOVE ALL LOOSE SCALE OR RUST. THE PREPARED SURFACE SHALL BE SATURATED WITH CLEAN WATER BEFORE APPLICATION OF MORTAR.

THE STRUCTURAL REPAIR MORTAR SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S WRITTEN RECOMMENDATIONS AND IN SUCH A MANNER AS TO FORM SURFACES THAT FOLLOW THE ORIGINAL SURFACES.

REPAIR MORTAR WILL BE PAID FOR PER CUBIC FOOT, WHICH INCLUDES FURNISHING ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

TYPE I GRADE A EPOXY FOR SETTING DOWEL BARS, DRIFT PINS AND REINFORCING BARS:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY FOR APPLYING TYPE I GRADE A EPOXY TO DRILLED HOLES FOR SETTING REINFORCING BARS, DOWEL BARS AND DRIFT PINS INTO EXISTING CONCRETE FOR APPLICATIONS SUCH AS WINGWALL/BREASTWALL EXTENTIONS, CONCRETE BARRIER RAIL RETROFITS AND ANY OTHER APPLICATION THAT WOULD REQUIRE

DOWELS OR REINFORCEMENT TO BE SET INTO HOLES DRILLED INTO EXISTING CONCRETE BRIDGE SECTIONS.

EPOXY SHALL CONFORM TO THE REQUIREMENTS OF SECTION 1017 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER QUART OF MATERIAL USED, INCLUDING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY FOR COMPLETION OF WORK. DRILLING HOLES AND FURNISHING AND INSTALLING REINFORCEMENT AND/OR DOWELS WILL BE PAID FOR SEPARATELY UNDER OTHER ITEMS.

GALVANIZED SHEET METAL PILE COVER:

THIS WORK CONSISTS OF FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND INCIDENTALS NECESSARY TO INSTALL GALVANIZED SHEET METAL COVERS ON TOP OF PILES.

MATERIALS USED SHALL BE 2'-0" X 2'-0", 28 GAUGE GALVANIZED SHEET METAL PUT ON TOP AND BENT AROUND EACH PILE. BEFORE PLACING THE SHEET METAL COVER, PLACE 2 LAYERS OF HEAVY CANVAS (20" X 20") SATURATED WITH HOT ASPHALT OVER THE TOP OF EACH PILE.

GALVANIZED SHEET METAL PILE COVER WILL BE PAID FOR BY EACH, WHICH INCLUDES ALL MATERIALS, EQUIPMENT, LABOR AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

REMOVAL OF HANDRAIL:

THIS WORK SHALL CONSIST OF FURNISHING ALL LABOR AND EQUIPMENT NECESSARY TO REMOVE EXISTING METAL AND WOOD HANDRAIL OF VARIABLE HEIGHT ALONG WITH ANY ASSOCIATED BRACKETS AND FASTENERS.

PAYMENT FOR THIS WORK SHALL BE PER LINEAR FOOT OF HANDRAIL REMOVED.

STEEL HANDRAIL:

THIS WORK CONSISTS OF FURNISHING ALL LABOR AND MATERIALS FOR CONSTRUCTING STEEL PIPE HANDRAIL IN ACCORDANCE WITH DIMENSIONS AND DETAILS SHOWN ON ATTACHED DRAWING 1.

STEEL PIPE SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-53, GRADE B. VERTICAL PIPE MEMBERS SHALL BE NOMINAL 2-INCH DIAMETER

SCHEDULE 80 BLACK PIPE. HORIZONTAL PIPE MEMBERS SHALL BE NOMINAL 2-INCH DIAMETER SCHEDULE 40 BLACK PIPE. STEEL PLATE AND BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-36. ALL BOLTS, NUTS AND WASHERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-307, GRADE A PIPE USED FOR POST AND RAILING, ALL BASE PLATES, BARS, BOLTS, NUTS AND WASHERS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION.

TRAILING AND LEADING HANDRAILS WILL REQUIRE ROUNDED ENDS FOR SAFETY. THIS SHALL BE CONSIDERED INCIDENTAL, AND ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO ACCOMPLISH SUCH SHALL BE INCLUDED IN THE BID PRICE.

THE REMOVAL OF EXISTING HANDRAIL PRIOR TO INSTALLATION OF NEW HANDRAIL WILL BE PAID FOR SEPARATELY UNDER THE REMOVAL OF HANDRAIL BID ITEM.

GRASS SOD:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO HAUL, PLANT, ROLL, FERTILIZE, WATER (UP TO 3 TIMES UNTIL ACCEPTANCE OF PROJECT), AND MAINTAIN LIVE GRASS SOD WHERE INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

ALL WORK SHALL BE IN ACCORDANCE WITH SECTIONS 714 AND 718 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD OF SOD INSTALLED, INCLUDING ALL NECESSARY LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED FOR COMPLETION OF WORK. THERE SHALL BE "NO DIRECT PAYMENT" FOR WATERING AND FERTILIZING.

GRASS SEED:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO PREPARE SEED BEDS, FURNISH AND SOW GRASS SEED, FERTILIZE AND WATER (UP TO 3 TIMES UNTIL ACCEPTANCE OF PROJECT) WHERE INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

ALL WORK SHALL BE IN ACCORDANCE WITH SECTIONS 717 AND 718 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER POUND OF SEED PLACED, INCLUDING ALL NECESSARY LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED FOR COMPLETION OF WORK. THERE SHALL BE "NO DIRECT PAYMENT" FOR WATERING AND FERTILIZING.

HYDRO-SEEDING:

THIS WORK CONSISTS OF PREPARING SEED BEDS AND SOWING GRASS SEED UTILIZING HYDRO-SEEDING EQUIPMENT AND METHODS IN ORDER TO ESTABLISH A TURF GRASS COVER TO AREAS DESIGNATED ON THE PLANS OR AS DIRECTED IN ACCORDANCE WITH SECTION 739 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION. THIS ITEM WILL BE PAID AT THE CONTRACT UNIT PRICE PER SQUARE YARD OF HYDRO-SEEDING INSTALLED, INCLUDING ALL NECESSARY LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED FOR COMPLETION OF WORK.

PEDESTRIAN BRIDGE:

THIS WORK CONSISTS OF FURNISHING AND INSTALLING A FULLY ENGINEERED CLEAR SPAN PEDESTRIAN BRIDGE OF WELDED ALUMINUM CONSTRUCTION WITH AN INSIDE CLEAR WIDTH OF 6'-0" AND AN OVERALL HEIGHT OF 5'-6".

BRIDGES SHALL BE AS MANUFACTURED BY GATOR BRIDGE, 2880 MELLON VILLE AVENUE, SANFORD, FLORIDA 32773 (OR EQUAL), DESIGNED AND FABRICATED IN ACCORDANCE WITH "SPECIFICATIONS AND GUIDELINES FOR ALUMINUM STRUCTURES" PUBLISHED BY THE ALUMINUM ASSOCIATION AND THE AASHTO GUIDES SPECIFICATION FOR PEDESTRIAN BRIDGES, 1997 EDITION.

BRIDGES SHALL BE FABRICATED FROM ALLOY 6061-Tc. ALUMINUM ALLOY PRODUCTS SHALL CONFORM TO THE REQUIREMENTS OF THE APPLICABLE ASTM STANDARDS LISTED BELOW:

STANDARD STRUCTURAL SHAPE:	ASTM B 308
EXTRUDED STRUCTURAL PIPE & TUBE:	ASTM B 429
EXTRUDED BARS, RODS, SHAPES & TUBES:	ASTM B 221
DRAWN SEAMLESS TUBES:	ASTM B 210
ROLLED OR COLD-FINISHED BARS, RODS AND WIRE:	ASTM B 211
SHEET AND PLATE:	ASTM B 209

ALLOY WELDING ELECTRODES SHALL CONFORM TO THE REQUIREMENTS OF AMERICAN WELDING SOCIETY SPECIFICATION AWS D1.2,

“STRUCTURAL WELDING CODE – ALUMINUM”, EXCEPT THAT THEY SHALL BE UNIFORMLY AND HEAVILY COATED (NOT WASHED) AND SHALL BE OF SUCH A NATURE THAT THE COATING DOES NOT CHIP OR PEEL WHILE BEING USED WITH THE MAXIMUM AMPERAGE SPECIFIED BY THE MANUFACTURER. ALL WELDS ARE TO BE 100% VISUALLY INSPECTED.

PEDESTRIAN BRIDGES SHALL BE DESIGNED FOR AN EVENLY DISTRIBUTED LIVE LOAD OF 85 POUNDS PER SQUARE FOOT OF DECK AREA. A MINIMUM WIND LOAD OF 35 POUNDS PER SQUARE FOOT SHALL BE APPLIED TO THE FULL VERTICAL AREA OF THE BRIDGE, AND THE MAXIMUM LATERAL AND VERTICAL DEFLECTIONS, DUE TO WIND LOAD AND LIVE LOAD, SHALL NOT EXCEED $L/500$.

PEDESTRIAN BRIDGES SHALL HAVE A VERTICAL CAMBER TO OFFSET DEAD LOAD AND APPEAR TO BE FLAT.

THE FLOOR DECKING SHALL BE CONSTRUCTED OF ALUMINUM 6061-T6 RIBBED PLANKS TO PROVIDE A SLIP RESISTANT WALKING SURFACE.

ALL RAILING SHALL HAVE A SMOOTH INSIDE SURFACE WITH NO PROTRUSIONS OR DEPRESSIONS. ALL ENDS OF ANGLES AND TUBES SHALL BE CLOSED AND GROUND SMOOTH. ALL RAILING SHALL BE A MINIMUM HEIGHT OF 42" ABOVE THE FLOOR DECK. VERTICAL PICKETS SHALL BE PLACED SO THAT THEY PREVENT A 4" DIAMETER SPHERE FROM PASSING THROUGH THE TRUSS. ALL PICKETS AND RAILS (IF APPLICABLE) SHALL BE PLACED ON THE INSIDE OF THE TRUSS.

METHOD OF BOLTING FIELD SPLICES, INFORMATION AS TO BRIDGE SUPPORT REACTIONS, ANCHOR BOLT SPACING, LOCATION AND PLACEMENT WILL BE FURNISHED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER.

PEDESTRIAN BRIDGES WILL BE PAID FOR BY EACH, AT SPECIFIED LENGTH, WHICH INCLUDES FURNISHING ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS NECESSARY TO INSTALL THE BRIDGE IN PLACE.

ANCHOR BOLTS, BEARING PADS AND/OR RELATED HARDWARE WILL BE CONSIDERED AS INCIDENTALS TO THE WORK AND WILL NOT BE PAID SEPARATELY.

PILING, BULKHEAD, WINGWALLS, BENT CAPS OR END ABUTMENTS AND APPROACH SLABS SHALL BE PAID FOR UNDER OTHER PAY ITEMS IN THIS CONTRACT.

REMOVAL AND DISPOSAL OF EXISTING PEDESTRIAN BRIDGE:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO REMOVE AND PROPERLY DISPOSE OF EXISTING TIMBER, STEEL OR CONCRETE PEDESTRIAN BRIDGE STRUCTURES. REMOVAL SHALL INCORPORATE ALL SUBSTRUCTURE, SUPER STRUCTURE AND DECK ELEMENTS, INCLUDING BUT NOT LIMITED TO HANDRAIL. PILING SHALL BE REMOVED TO A DEPTH OF THREE (3) FEET BELOW EXISTING GRADE OR CANAL BOTTOM.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT OF HORIZONTAL BRIDGE SURFACE AREA REMOVED. THE LENGTH SHALL BE MEASURED FROM THE OUTSIDE EDGES OF THE END BENTS, AND THE WIDTH SHALL BE MEASURED TO THE OUTSIDE EDGES OF THE DECK.

PZ27 STEEL SHEET PILING (PERMANENT):

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO PERMANENTLY INSTALL PZ27 STEEL SHEET PILING AS PER PLANS AND IN ACCORDANCE WITH SECTION 803 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

ALL SHEETING SHALL BE NEW AND SHALL RECEIVE CORROSION PROTECTION IN ACCORDANCE WITH SUBSECTION 803.06.

PERMANENT SHEET PILING SHALL BE MEASURED AND PAID FOR BY THE SQUARE FOOT OF VERTICAL SURFACE AREA INSTALLED.

PZ27 STEEL SHEET PILING (TEMPORARY):

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO INSTALL AND REMOVE PZ27 STEEL SHEET PILING AS PER PLANS OR AS NECESSARY TO FACILITATE CONSTRUCTION AND IN ACCORDANCE WITH SECTION 803 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

TEMPORARY SHEETING MAY BE NEW OR USED AND WILL NOT REQUIRE CORROSION PROTECTION. ALL SHEETING CLASSIFIED AS "TEMPORARY" SHALL REMAIN THE SOLE PROPERTY OF THE CONTRACTOR.

TEMPORARY SHEET PILING SHALL BE MEASURED AND PAID FOR BY THE SQUARE FOOT OF VERTICAL SURFACE AREA INSTALLED AND REMOVED.

REPLACE DAMAGED HANDRAIL IN-KIND:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO REPLACE SECTIONS OF DAMAGED HANDRAIL IN-KIND.

ITEMS ASSOCIATED WITH THIS WORK SHALL BE USED SOLELY FOR THE REPLACEMENT OF SECTIONS OF EXISTING HANDRAIL THAT HAVE BEEN DAMAGED AND MUST BE REPLACED IN-KIND TO MATCH THE REMAINING UNDISTURBED RAILING SYSTEM.

ALL RAILS ARE COMMONLY BETWEEN 40 AND 60 INCHES IN HEIGHT AND ARE MADE UP OF BOTH HORIZONTAL AND VERTICAL TUBULAR MEMBERS.

THE CONTRACTOR IS RESPONSIBLE FOR CAREFULLY MEASURING EACH EXISTING RAIL AND REPLICATING THE REPLACEMENT RAIL ACCORDINGLY.

THIS WORK SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER LINEAR FOOT OF RAIL INSTALLED.

THE REMOVAL OF EXISTING HANDRAIL PRIOR TO INSTALLATION OF NEW HANDRAIL WILL BE PAID FOR SEPARATELY UNDER THE REMOVAL OF HANDRAIL BID ITEM.

LOADING PERMANENT PILING:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO ADEQUATELY PERFORM STATIC LOAD TESTING ON PERMANENT PILING DRIVEN IN PLACE AS ORDERED BY THE ENGINEER OR SHOWN ON THE PLANS.

ALL WORK SHALL COMPLY WITH SECTION 804 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

THIS WORK SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER EACH STATIC LOAD TEST PERFORMED.

ARTICULATING BRIDGE INSPECTION PLATFORM (SNOOPER TRAILER) AND OPERATOR (RENTAL):

THIS BID ITEM CONSISTS OF FURNISHING ONE (1) ARTICULATING BRIDGE INSPECTION PLATFORM, COMMONLY CALLED A SNOOPER TRAILER, AND ONE (1) OPERATOR CAPABLE OF SAFELY OPERATING THIS PARTICULAR TYPE OF MACHINERY, FOR INSPECTION AND MAINTENANCE PURPOSES.

PAYMENT FOR THIS ITEM SHALL BE MADE PER DAY OF RENTAL, INCLUDING THE OPERATOR AND DELIVERY TO AND PICK-UP FROM THE

DESIGNATED PROJECT SITE BY THE CONTRACTOR. ALL WORK ASSOCIATED WITH DELIVERY AND PICK-UP SHALL BE CONSIDERED INCIDENTAL. PAYMENT FOR THE OPERATOR'S TIME SHALL BE INCLUDED IN THE BID PRICE FOR THIS ITEM.

REMOVAL AND DISPOSAL OF EXISTING VEHICULAR BRIDGES:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO REMOVE AND PROPERLY DISPOSE OF EXISTING TIMBER, STEEL OR CONCRETE VEHICULAR BRIDGE STRUCTURES. REMOVAL SHALL INCORPORATE ALL SUBSTRUCTURE, SUPERSTRUCTURE AND DECK ELEMENTS, INCLUDING, BUT NOT LIMITED TO, BRIDGE RAIL, CURBING, BREASTWALLS AND WINGWALLS. PILING SHALL BE REMOVED TO A DEPTH OF THREE (3) FEET BELOW EXISTING GRADE OR CANAL BOTTOM.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT OF HORIZONTAL SURFACE AREA. THE LENGTH SHALL BE MEASURED FROM THE OUTSIDE EDGES OF THE END BENTS, AND THE WIDTH SHALL BE TO THE OUTSIDE EDGES OF THE DECK.

PRECAST, PRESTRESSED CONCRETE PILING:

THIS WORK CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO PROVIDE AND INSTALL PRECAST, PRESTRESSED CONCRETE PILES AS PER PLANS OR THE DIRECTION OF THE ENGINEER.

ALL WORK SHALL COMPLY WITH SECTION 804 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

ALL PILING SHALL CONFORM TO THE CRITERIA LISTED ON DOTD STANDARD DETAIL CS-216.

PILING WILL BE MEASURED AND PAID FOR BY THE LINEAR FOOT OF PILE FURNISHED AND INSTALLED BELOW THE CUT-OFF ELEVATION.

NIGHT WORK:

THIS ITEM REPRESENTS THE PERCENTAGE OF INCREASE IN CONTRACT UNIT PRICES FOR WORK THAT IS PERFORMED BETWEEN 7:00 PM AND 7:00 AM.

FOR ACCOUNTING PURPOSES, THE CONTRACTOR WILL BE REQUIRED TO SUBMIT SEPARATE INVOICES FOR ALL ITEMS OF WORK THAT ARE PERFORMED BETWEEN 7:00 PM AND 7:00 AM.

THIS SPECIFICATION APPLIES TO ITEMS 1570 AND 1580:

THIS ITEM IS TO INCLUDE THE COMPLETE REMOVAL OF DEBRIS/SEDIMENT FROM THE DRAINS/SCUPPERS, AND COMPLETE FLUSHING OF THE DRAINAGE SYSTEM (TROUGHES, PIPES, ETC.). ALL LABOR, MATERIAL, EQUIPMENT, MOBILIZATION, INCIDENTALS, ETC., INCLUDING TRAFFIC CONTROLS, IS TO BE INCLUDED IN THE UNIT PRICE. THE LIMITS OF THIS INTERCHANGE WILL BE THE ELEVATED STRUCTURE FROM THE GROUND LEVELS OF THE NORTHERN SIDE OF CAUSEWAY BLVD. TO THE SOUTHERN RAMPS OF THE TRAFFIC CIRCLE (BACK TO THE ELEVATED PORTION OF CAUSEWAY BLVD.). THE ENTIRE ELEVATED TRAFFIC CIRCLE, AND ALL FOUR (4) RAMPS THAT TIE-IN TO AIRLINE DR.

THE CONTRACTOR WILL PROVIDE AT LEAST ONE CREW PER DAY TO PERFORM THIS TASK. A CREW WILL COMPRISE OF:

- 1 – SUPERINTENDENT
- 1 – LABOR FOREMAN
- 2 – LABORERS

IN THE EVENT THAT INCLEMENT WEATHER CAUSES WORK TO CEASE, THREE (3) WORK HOURS OR MORE FOR WEEKDAY WORK AND FIVE (5) HOURS OR MORE FOR WEEKEND WORK WILL CONSTITUTE ONE DAY OF WORK FOR PAYMENT PURPOSES.

THIS SPECIFICATION APPLIES TO ITEMS 1590 THROUGH 1640:

THIS ITEM IS TO INCLUDE THE COMPLETE REMOVAL OF DEBRIS/SEDIMENT FROM THE DRAINS/SCUPPERS, AND COMPLETE FLUSHING OF THE DRAINAGE SYSTEM (TROUGHES, PIPES, ETC.). ALL LABOR, MATERIAL, EQUIPMENT, MOBILIZATION, INCIDENTALS, ETC., INCLUDING TRAFFIC CONTROLS, IS TO BE INCLUDED IN THE UNIT PRICE.

THE CONTRACTOR WILL PROVIDE AT LEAST ONE CREW PER DAY TO PERFORM THIS TASK. A CREW WILL COMPRISE OF:

- 1 – SUPERINTENDENT
- 1 – LABOR FOREMAN
- 2 – LABORERS

IN THE EVENT THAT INCLEMENT WEATHER CAUSES WORK TO CEASE, THREE (3) WORK HOURS OR MORE FOR WEEKDAY WORK AND FIVE (5) HOURS OR MORE FOR WEEKEND WORK WILL CONSTITUTE ONE DAY OF WORK FOR PAYMENT PURPOSES.

THIS SPECIFICATION APPLIES TO ITEMS 1645 THROUGH 1687:

THIS IS A “NO BID” ITEM

THIS WORK CONSISTS OF THE MOVEMENT OF ALL PERSONNEL, EQUIPMENT AND SUPPLIES TO A DESIGNATED PROJECT SITE AND THE HANDLING OF BONDS, INSURANCE, PERMITS, AND ALL OTHER PRECONSTRUCTION PAPERWORK IN GENERAL PREPARATION OF WORK ON A PARTICULAR PROJECT.

PAYMENT FOR THIS WORK SHALL BE PER EACH INDIVIDUAL PROJECT ACCORDING TO THE TOTAL PROJECT COST RANGE STIPULATED. THE MOBILIZATION CHARGE WILL BE A PERCENTAGE OF THE TOTAL PROJECT COST (BASED ON THE SUMMATION OF THE PAY ITEMS UTILIZED, EXCLUDING PILE DRIVING MOBILIZATION) AS DICTATED BY THE VARIOUS PROJECT COST RANGES SPECIFIED IN THE ASSOCIATED LINE ITEMS.

[IF PILE DRIVING IS REQUIRED FOR A GIVEN PROJECT, THE ADDITIONAL MOBILIZATION CALCULATION FOR PAY ITEMS 1645-1687 WILL BE DETERMINED BY: (TOTAL PROJECT COST minus PILE DRIVING MOBILIZATION COST) x THE APPLICABLE PERCENTAGE AS PER THE RANGES SPECIFIED HEREIN.

THE ANTICIPATED COSTS FOR ALL BONDS, INSURANCE, PERMITS, DELIVERY CHARGES, FREIGHT, FUEL AND ANY OTHER PRECONSTRUCTION EXPENSES NECESSARY TO ADEQUATELY CARRY OUT SAID WORK SHALL BE INCLUDED IN THIS COST PER EACH PROJECT.

THIS SPECIFICATION APPLIES TO ITEMS 1690 THROUGH 1710:

THIS WORK CONSISTS OF THE MOVEMENT OF ALL PERSONNEL, EQUIPMENT AND SUPPLIES TO A DESIGNATED PROJECT SITE AND THE HANDLING OF ALL BONDS, INSURANCE, PERMITS, AND ALL OTHER PRECONSTRUCTION PAPERWORK IN SOLE PREPARATION FOR SUPPLYING THE PILE DRIVING EQUIPMENT (NOT THE PILE/MATERIAL AS INDICATED BY LINE ITEMS 0540-0610, 0640, & 0650) FOR A PARTICULAR PROJECT. THIS ITEM IS TO BE USED WHEN AND ONLY WHEN, PILE DRIVING ACTIVITIES ARE NEEDED AT A PARTICULAR LOCATION.

PAYMENT FOR THIS WORK SHALL BE PER EACH INDIVIDUAL PILE DRIVING PROJECT ACCORDING TO THE PILE QUANTITIES STIPULATED IN THE ASSOCIATED LINE ITEMS (0540-0610, 0640, & 0650). THE ANTICIPATED COSTS FOR ALL BONDS, INSURANCE, PERMITS, DELIVERY CHARGES, FREIGHT, FUEL, AND ANY OTHER PRECONSTRUCTION EXPENSES NECESSARY TO ADEQUATELY CARRY OUT SAID PILE DRIVING OPERATIONS SHALL BE INCLUDED IN THIS COST PER EACH PILE DRIVING PROJECT.

IN ADDITION, IF OTHER WORK IN CONJUNCTION WITH PILE DRIVING IS REQUIRED FOR THE SAME REPAIR/PROJECT, THEN MOBILIZATION (ITEMS 1645-1687) WILL BE ALLOWED TO BE CHARGED AS WELL.

LINE A: TOTAL OF LINES 0010 THROUGH 1710 \$_____.

THIS SPECIFICATION APPLIES TO ITEM 1720:

CONTRACTOR TO INDICATE THE INCREASE IN PRICES FOR WORK THAT IS PERFORMED BETWEEN 7:00PM AND 7:00AM IN PERCENTAGE AND DOLLAR AMOUNT (TOTAL OF LINES 0010 THROUGH 1710 MULTIPLIED BY PERCENTAGE INDICATED TO GET DOLLAR AMOUNT).

LINE B: NIGHT WORK_____%

\$_____DOLLAR AMOUNT

ADD THE DOLLAR AMOUNT OF LINE A AND THE DOLLAR AMOUNT OF LINE B FOR GRAND TOTAL OF BID.

GRAND TOTAL: \$_____

